



## Safety Data Sheet

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**Document Group:** 07-7693-0 **Version Number:** 1.00  
**Revision Date:** 14/07/2014 **Supersedes Date:** Initial Issue  
**Transportation version number:** 1.00 (14/07/2014)

This Safety Data Sheet has been prepared in accordance with the REACH Regulation (1907/2006) and its modifications

### IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

#### 1.1. Product identifier

3M™ Rearview Mirror Adhesive, PN08752

#### Product Identification Numbers

60-4550-2997-9 60-4550-5186-6 60-4550-6899-3 60-9800-2830-6 60-9800-3333-0

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Automotive

#### 1.3. Details of the supplier of the substance or mixture

**ADDRESS:** 3M Hellas MEPE, Kifisias 20, 151 25 Maroussi, Athens, Greece. Tel.: 00302106885300 Fax: 00302106843281

**E Mail:** inovation.gr@mmm.com

**Website:** www.3m.com/gr

#### 1.4. Emergency telephone number

2106885300

**This product is a kit or a multipart product which consists of multiple, independently packaged components. An SDS for each of these components is included. Please do not separate the component SDSs from this cover page. The document numbers of the SDSs for components of this product are:**

07-7690-6, 07-7689-8

### TRANSPORTATION INFORMATION

60-4550-5186-6

60-4550-6899-3

### KIT LABEL

#### 2.2. Label elements

CLP REGULATION (EC) No 1272/2008

**SIGNAL WORD**

Danger

**Symbols:**

GHS02 (Flame) | GHS05 (Corrosion) | GHS07 (Exclamation mark) | GHS08 (Health Hazard) | GHS09 (Environment) |

**Pictograms**



**HAZARD STATEMENTS:**

- H225 Highly flammable liquid and vapor.
- H314 Causes severe skin burns and eye damage.
- H317 May cause an allergic skin reaction.
- H335 May cause respiratory irritation.
- H336 May cause drowsiness or dizziness.
  
- H373 May cause damage to organs through prolonged or repeated exposure:  
nervous system |  
respiratory system |
  
- H400 Very toxic to aquatic life.
- H411 Toxic to aquatic life with long lasting effects.

**PRECAUTIONARY STATEMENTS**

**General:**

- P102 Keep out of reach of children.
- P101 If medical advice is needed, have product container or label at hand.

**Prevention:**

- P210A Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- P260 Do not breathe dust/fume/gas/mist/vapors/spray.
- P271 Use only outdoors or in a well-ventilated area.
- P280D Wear protective gloves, protective clothing, and eye/face protection.
- P273 Avoid release to the environment.

**Response:**

- P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
- P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P310 Immediately call a POISON CENTER or doctor/physician.
- P333 + P313 If skin irritation or rash occurs: Get medical advice/attention.
- P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
- P370 + P378G In case of fire: Use a fire fighting agent suitable for flammable liquids such as dry chemical or carbon dioxide to extinguish.

**Storage:**

- P405 Store locked up.

**Disposal:**

P501 Dispose of contents/container in accordance with applicable local/regional/national/international regulations.

**Notes on labelling:**

Nota P applied to CAS 8052-41-3. For containers <125mL, remove H225-400-411 and P210A-273-370+378G-501.

**Dangerous substances(67/548/EEC)/preparations(1999/45/EC) directive**

**Symbol(s)**



Highly  
Flammable



Corrosive



Dangerous  
for the  
environment

**Contains:**

Consult the component labels for disclosable ingredients.

**Risk phrases:**

R11 Highly flammable.  
R35 Causes severe burns.  
R37 Irritating to respiratory system.  
R43 May cause sensitization by skin contact.  
R67 Vapours may cause drowsiness and dizziness.  
R50 Very toxic to aquatic organisms.

**Safety phrases:**

S16 Keep away from sources of ignition - No Smoking.  
S23A Do not breathe vapor.  
S36/37/39B Wear suitable protective clothing, gloves, and eye and face protection.  
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
S28C After contact with skin, wash immediately with plenty of water for 15 minutes.  
S45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).  
S61 Avoid release to the environment. Refer to special instructions/safety data sheets.  
S1/2 Keep locked up and out of reach of children.

**Notes on labelling:**

Nota P applied CASRN 8052-41-3. For containers <125mL, label with F-C-N; R35-43-67; S23A-36/37/39B-26-28C-45-1/2.

**Revision information:**

No revision information is available.



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This Safety Data Sheet has been prepared in accordance with the REACH Regulation (1907/2006) and its modifications

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

3M™ Rearview Mirror Adhesive / Adhesive, P/N 08752; 3M™ High Bond Rearview Mirror Adhesive / Adhesive, PN08749

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

##### Identified uses

Adhesive

#### 1.3. Details of the supplier of the substance or mixture

**ADDRESS:** 3M Hellas MEPE, Kifisias 20, 151 25 Maroussi, Athens, Greece. Tel.: 00302106885300 Fax: 00302106843281

**E Mail:** inovation.gr@mmm.com

**Website:** www.3m.com/gr

#### 1.4. Emergency telephone number

2106885300

### SECTION 2: Hazard identification

#### 2.1. Classification of the substance or mixture

CLP REGULATION (EC) No 1272/2008

##### CLASSIFICATION:

Serious Eye Damage/Eye Irritation, Category 1 - Eye Dam. 1; H318

Skin Corrosion/Irritation, Category 1A - Skin Corr. 1A; H314

Skin Sensitization, Category 1 - Skin Sens. 1; H317

Specific Target Organ Toxicity-Single Exposure, Category 3 - STOT SE 3; H335

Specific Target Organ Toxicity-Repeated Exposure, Category 2 - STOT RE 2; H373

Hazardous to the Aquatic Environment (Acute), Category 1 - Aquatic Acute 1; H400

Hazardous to the Aquatic Environment (Chronic), Category 2 - Aquatic Chronic 2; H411

For full text of H phrases, see Section 16.

#### Dangerous substances(67/548/EEC)/preparations(1999/45/EC) directive

##### Indication of Danger:

Corrosive; C; R35

Irritant; Xi; R37  
 Sensitizing; R43  
 Dangerous for the environment; N; R50

For full text of R phrases, see Section 16.

**2.2. Label elements**

**CLP REGULATION (EC) No 1272/2008**

**SIGNAL WORD**

Danger

**Symbols:**

GHS05 (Corrosion) | GHS07 (Exclamation mark) | GHS08 (Health Hazard) | GHS09 (Environment) |

**Pictograms**



Ingredient	C.A.S. No.	% by Wt
Hydroxypropyl Methacrylate	27813-02-1	7 - 20
1,6-Hexanediol Diacrylate	13048-33-4	7 - 15
Acrylic Acid	79-10-7	1 - 10
Cumene Hydroperoxide	80-15-9	0.1 - 1
1-Acetyl-2-Phenylhydrazine	114-83-0	0.1 - 1

**HAZARD STATEMENTS:**

H314	Causes severe skin burns and eye damage.
H317	May cause an allergic skin reaction.
H335	May cause respiratory irritation.
H373	May cause damage to organs through prolonged or repeated exposure: nervous system   respiratory system
H400	Very toxic to aquatic life.
H411	Toxic to aquatic life with long lasting effects.

**PRECAUTIONARY STATEMENTS**

**General:**

P102	Keep out of reach of children.
P101	If medical advice is needed, have product container or label at hand.

**Prevention:**

P260	Do not breathe dust/fume/gas/mist/vapors/spray.
P271	Use only outdoors or in a well-ventilated area.
P280D	Wear protective gloves, protective clothing, and eye/face protection.
P273	Avoid release to the environment.

**Response:**

P303 + P361 + P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTER or doctor/physician.  
P333 + P313 If skin irritation or rash occurs: Get medical advice/attention.  
P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

**Storage:**

P405 Store locked up.

**Disposal:**

P501 Dispose of contents/container in accordance with applicable local/regional/national/international regulations.

21% of the mixture consists of components of unknown acute dermal toxicity.  
73% of the mixture consists of components of unknown acute inhalation toxicity.  
Contains 71% of components with unknown hazards to the aquatic environment.

**Notes on labelling:**

For containers <125 mL, remove H400-411 and P273-501.

**Dangerous substances(67/548/EEC)/preparations(1999/45/EC) directive**

**Symbol(s)**



Corrosive



Dangerous  
for the  
environment

**Contains:**

1,6-Hexanediol Diacrylate; 1-Acetyl-2-Phenylhydrazine; Acrylic Acid; Hydroxypropyl Methacrylate

**Risk phrases:**

R35 Causes severe burns.  
R37 Irritating to respiratory system.  
R43 May cause sensitization by skin contact.  
R50 Very toxic to aquatic organisms.

**Safety phrases:**

S23A Do not breathe vapor.  
S36/37/39B Wear suitable protective clothing, gloves, and eye and face protection.  
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
S28C After contact with skin, wash immediately with plenty of water for 15 minutes.  
S45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).  
S29 Do not empty into drains.  
S61 Avoid release to the environment. Refer to special instructions/safety data sheets.  
S1/2 Keep locked up and out of reach of children.

**Notes on labelling:**

For containers <125 mL, label with C-N; R35-43; S23A-36/37/39B-26-28C-45-1/2.

**2.3. Other hazards**

May cause chemical gastrointestinal burns.

### SECTION 3: Composition/information on ingredients

Ingredient	C.A.S. No.	EU Inventory	% by Wt	Classification
Aliphatic Urethane Acrylate Resin	Trade Secret		30 - 60	
Bisphenol A Polyethylene Glycol Diether Dimethacrylate	41637-38-1		10 - 30	
Hydroxypropyl Methacrylate	27813-02-1	EINECS 248-666-3	7 - 20	Xi:R36-37; R43 (Vendor)  **Eye Irrit. 2**, H319; **Skin Sens. 1**, H317; **STOT SE 3**, H335 (Vendor)
1,6-Hexanediol Diacrylate	13048-33-4	EINECS 235-921-9	7 - 15	Xi:R36-38; R43 - Nota D (EU) N:R50 (Self Classified)  **Skin Irrit. 2**, H315; **Eye Irrit. 2**, H319; **Skin Sens. 1**, H317 - Nota D (CLP) **Aquatic Acute 1**, H400,M=1; **Aquatic Chronic 3**, H412 (Self Classified)
Isobornyl Acrylate	5888-33-5	EINECS 227-561-6	7 - 13	Xi:R36-37-38 (EU) N:R50; R43 (Self Classified)  **Skin Irrit. 2**, H315; **Eye Irrit. 2**, H319; **STOT SE 3**, H335 (CLP) **Skin Sens. 1**, H317; **Aquatic Acute 1**, H400,M=1 (Self Classified)
Polyester Resin	Trade Secret		5 - 10	
Acrylic Acid	79-10-7	EINECS 201-177-9	1 - 10	C:R35; Xn:R20-21-22; N:R50; R10 - Nota D (EU)  **Flam. Liq. 3**, H226; **Acute Tox. 3**, H311; **Acute Tox. 4**, H332; **Acute Tox. 4**, H302; **Skin Corr. 1A**, H314; **STOT SE 3**, H335; **Aquatic Acute 1**, H400,M=1 - Nota D (CLP) **Aquatic Chronic 2**, H411 (Self Classified)
Cumene Hydroperoxide	80-15-9	EINECS 201-254-7	0.1 - 1	O:R7; T:R23; C:R34; Xn:R21-22-48/20; Xn:R48/22; N:R51/53 (EU)  **Org. Perox. EF**, H242; **Acute Tox. 2**, H330; **Acute Tox. 3**, H311; **Acute Tox. 4**, H302; **Skin Corr. 1B**, H314; **STOT SE 3**, H335; **STOT RE 1**, H373

**3M™ Rearview Mirror Adhesive / Adhesive, P/N 08752; 3M™ High Bond Rearview Mirror Adhesive / Adhesive, PN08749**

				H372 (CLP) **Aquatic Chronic 2**, H411 (Self Classified)
Saccharin	81-07-2	EINECS 201-321-0	0.1 - 1	
1-Acetyl-2-Phenylhydrazine	114-83-0	EINECS 204-055-3	0.1 - 1	Xi:R36-37-38; R43 (Vendor) Xn:R21-22; N:R50 (Self Classified)  **Skin Irrit. 2**, H315; **Eye Irrit. 2**, H319; **Skin Sens. 1**, H317; **STOT SE 3**, H335 (Vendor) **Acute Tox. 3**, H311; **Acute Tox. 3**, H301; **Aquatic Acute 1**, H400,M=1; **Aquatic Chronic 1**, H410,M=10 (Self Classified)
3-(Trimethoxysilyl)Propyl Glycidyl Ether	2530-83-8	EINECS 219-784-2	0.1 - 1	Xi:R41 (Self Classified)  **Eye Dam. 1**, H318 (Self Classified)
2,6-Di-Tert-Butyl-P-Cresol	128-37-0	EINECS 204-881-4	0.1 - 1	**STOT RE 2**, H373; **Aquatic Chronic 2**, H411 (Self Classified)

Please see section 16 for the full text of any R phrases and H statements referred to in this section

Please refer to section 15 for the any applicable Notas that have been applied to the above components

For information on ingredient occupational exposure limits or PBT or vPvB status, see sections 8 and 12 of this SDS

**SECTION 4: First aid measures****4.1. Description of first aid measures****Inhalation:**

Remove person to fresh air. If you feel unwell, get medical attention.

**Skin Contact:**

Immediately flush with large amounts of water for at least 15 minutes. Remove contaminated clothing. Get immediate medical attention. Wash clothing before reuse.

**Eye Contact:**

Immediately flush with large amounts of water for at least 15 minutes. Remove contact lenses if easy to do. Continue rinsing. Immediately get medical attention.

**If Swallowed:**

Rinse mouth. Do not induce vomiting. Get immediate medical attention.

**4.2. Most important symptoms and effects, both acute and delayed**

See Section 11.1. Information on toxicological effects.

**4.3. Indication of any immediate medical attention and special treatment required**

Not applicable



## SECTION 5: Fire-fighting measures

### 5.1. Extinguishing media

In case of fire: Use a fire fighting agent suitable for ordinary combustible material such as water or foam to extinguish.

### 5.2. Special hazards arising from the substance or mixture

Closed containers exposed to heat from fire may build pressure and explode.

### 5.3. Advice for fire-fighters

Water may not effectively extinguish fire; however, it should be used to keep fire-exposed containers and surfaces cool and prevent explosive rupture.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Ventilate the area with fresh air. For large spill, or spills in confined spaces, provide mechanical ventilation to disperse or exhaust vapors, in accordance with good industrial hygiene practice. Warning! A motor could be an ignition source and could cause flammable gases or vapors in the spill area to burn or explode. Refer to other sections of this SDS for information regarding physical and health hazards, respiratory protection, ventilation, and personal protective equipment.

### 6.2. Environmental precautions

Avoid release to the environment.

### 6.3. Methods and material for containment and cleaning up

Contain spill. Working from around the edges of the spill inward, cover with bentonite, vermiculite, or commercially available inorganic absorbent material. Mix in sufficient absorbent until it appears dry. Remember, adding an absorbent material does not remove a physical, health, or environmental hazard. Collect as much of the spilled material as possible. Place in a closed container approved for transportation by appropriate authorities. Clean up residue with an appropriate solvent selected by a qualified and authorized person. Ventilate the area with fresh air. Read and follow safety precautions on the solvent label and SDS. Seal the container. Dispose of collected material as soon as possible.

### 6.4. Reference to other sections

Refer to Section 8 and Section 13 for more information

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Keep out of reach of children. Do not breathe dust/fume/gas/mist/vapors/spray. Do not get in eyes, on skin, or on clothing. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Avoid release to the environment. Wash contaminated clothing before reuse. Avoid contact with oxidizing agents (eg. chlorine, chromic acid etc.)

### 7.2. Conditions for safe storage including any incompatibilities

Store away from heat. Store away from acids. Store away from oxidizing agents.

### 7.3. Specific end use(s)

See information in Section 7.1 and 7.2 for handling and storage recommendations. See Section 8 for exposure controls and personal protection recommendations.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Occupational exposure limits

<b>Ingredient</b>	<b>C.A.S. No.</b>	<b>Agency</b>	<b>Limit type</b>	<b>Additional Comments</b>
2,6-Di-Tert-Butyl-P-Cresol	128-37-0	Greece OELs	TWA(8 hours):10 mg/m3	
Acrylic Acid	79-10-7	Manufacturer determined	STEL:5 ppm(15 mg/m3)	
Acrylic Acid	79-10-7	Greece OELs	TWA(8 hours):30 mg/m3(10 ppm);STEL(15 minutes):60 mg/m3(20 ppm)	Skin Notation

Greece OELs : Greece. OELs (Decree No. 90/1999, as amended)

TWA: Time-Weighted-Average

STEL: Short Term Exposure Limit

CEIL: Ceiling

## 8.2. Exposure controls

### 8.2.1. Engineering controls

Use general dilution ventilation and/or local exhaust ventilation to control airborne exposures to below relevant Exposure Limits and/or control dust/fume/gas/mist/vapors/spray. If ventilation is not adequate, use respiratory protection equipment.

### 8.2.2. Personal protective equipment (PPE)

#### Eye/face protection

Select and use eye/face protection to prevent contact based on the results of an exposure assessment. The following eye/face protection(s) are recommended:

Safety Glasses with side shields

Indirect Vented Goggles

#### Skin/hand protection

Select and use gloves and/or protective clothing approved to relevant local standards to prevent skin contact based on the results of an exposure assessment. Selection should be based on use factors such as exposure levels, concentration of the substance or mixture, frequency and duration, physical challenges such as temperature extremes, and other use conditions. Consult with your glove and/or protective clothing manufacturer for selection of appropriate compatible gloves/protective clothing.

Gloves made from the following material(s) are recommended: Butyl Rubber

Select and use body protection to prevent contact based on the results of an exposure assessment. The following protective clothing material(s) are recommended: Apron – Butyl rubber

#### Respiratory protection

An exposure assessment may be needed to decide if a respirator is required. If a respirator is needed, use respirators as part of a full respiratory protection program. Based on the results of the exposure assessment, select from the following respirator type(s) to reduce inhalation exposure:

Half facepiece or full facepiece air-purifying respirator suitable for organic vapors

For questions about suitability for a specific application, consult with your respirator manufacturer.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

<b>Physical state</b>	Liquid
<b>Appearance/Odor</b>	Yellow Liquid, Sharp Odor
<b>Odor threshold</b>	No Data Available
<b>pH</b>	Not Applicable
<b>Boiling point/boiling range</b>	>=148.9 °C [ @ 101,324.72 Pa ]

<b>Melting point</b>	<i>No Data Available</i>
<b>Flammability (solid, gas)</b>	Not Applicable
<b>Explosive properties:</b>	Not Classified
<b>Oxidising properties:</b>	Not Classified
<b>Flash Point</b>	>=93.3 °C [ <i>Test Method:</i> Tagliabue Closed Cup]
<b>Autoignition temperature</b>	<i>No Data Available</i>
<b>Flammable Limits(LEL)</b>	<i>No Data Available</i>
<b>Flammable Limits(UEL)</b>	<i>No Data Available</i>
<b>Vapor Pressure</b>	>=666.6 Pa [ <i>Details:</i> CONDITIONS: @ 75 F.]
<b>Relative Density</b>	1.1 [ <i>Ref Std:</i> WATER=1]
<b>Solubility- non-water</b>	<i>No Data Available</i>
<b>Partition coefficient: n-octanol/ water</b>	<i>No Data Available</i>
<b>Evaporation rate</b>	<i>No Data Available</i>
<b>Vapor Density</b>	<i>Not Applicable</i>
<b>Decomposition temperature</b>	<i>No Data Available</i>
<b>Viscosity</b>	<i>No Data Available</i>
<b>Density</b>	1.1 g/ml

#### 9.2. Other information

<b>Hazardous Air Pollutants</b>	7.22 % weight [ <i>Test Method:</i> Calculated]
<b>Volatile Organic Compounds</b>	1.94 lb/gal [ <i>Test Method:</i> calculated SCAQMD rule 443.1]
<b>Volatile Organic Compounds</b>	21.1 % weight [ <i>Test Method:</i> calculated per CARB title 2]
<b>Volatile Organic Compounds</b>	232 g/l [ <i>Test Method:</i> calculated SCAQMD rule 443.1]
<b>Percent volatile</b>	21.1 %
<b>VOC Less H2O &amp; Exempt Solvents</b>	232 g/l [ <i>Test Method:</i> calculated SCAQMD rule 443.1]

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

This material may be reactive with certain agents under certain conditions - see the remaining headings in this section.

### 10.2. Chemical stability

Stable.

### 10.3. Possibility of hazardous reactions

Hazardous polymerization will not occur.

### 10.4. Conditions to avoid

Heat

### 10.5. Incompatible materials

Strong acids  
Strong oxidizing agents  
Amines

### 10.6. Hazardous decomposition products

<u>Substance</u>	<u>Condition</u>
Carbon monoxide	Not Specified
Carbon dioxide	Not Specified

## SECTION 11: Toxicological information

The information below may not agree with the EU material classification in Section 2 and/or the ingredient

classifications in Section 3 if specific ingredient classifications are mandated by a competent authority. In addition, statements and data presented in Section 11 are based on UN GHS calculation rules and classifications derived from 3M assessments.

### 11.1. Information on Toxicological effects

#### Signs and Symptoms of Exposure

Based on test data and/or information on the components, this material may produce the following health effects:

##### Inhalation:

May be harmful if inhaled.

Respiratory Tract Irritation: Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain.

##### Skin Contact:

Harmful in contact with skin. Corrosive (Skin Burns): Signs/symptoms may include localized redness, swelling, itching, intense pain, blistering, ulceration, and tissue destruction.

Allergic Skin Reaction (non-photo induced): Signs/symptoms may include redness, swelling, blistering, and itching.

##### Eye Contact:

Corrosive (Eye Burns): Signs/symptoms may include cloudy appearance of the cornea, chemical burns, severe pain, tearing, ulcerations, significantly impaired vision or complete loss of vision.

##### Ingestion:

Gastrointestinal Corrosion: Signs/symptoms may include severe mouth, throat and abdominal pain; nausea; vomiting; and diarrhea; blood in the feces and/or vomitus may also be seen.

##### Target Organ Effects:

##### Prolonged or repeated exposure may cause:

Neurological Effects: Signs/symptoms may include personality changes, lack of coordination, sensory loss, tingling or numbness of the extremities, weakness, tremors, and/or changes in blood pressure and heart rate.

Respiratory Effects: Signs/symptoms may include cough, shortness of breath, chest tightness, wheezing, increased heart rate, bluish colored skin (cyanosis), sputum production, changes in lung function tests, and/or respiratory failure.

Dermal Effects: Signs/symptoms may include redness, itching, acne, or bumps on the skin.

#### Toxicological Data

If a component is disclosed in section 3 but does not appear in a table below, either no data are available for that endpoint or the data are not sufficient for classification.

#### Acute Toxicity

Name	Route	Species	Value
Overall product	Dermal		No data available; calculated ATE 1,000 - 2,000 mg/kg
Overall product	Inhalation-Vapor(4 hr)		No data available; calculated ATE 20 - 50 mg/l
Overall product	Ingestion		No data available; calculated ATE > 5,000 mg/kg
Bisphenol A Polyethylene Glycol Diether Dimethacrylate	Ingestion	Rat	LD50 > 2,000 mg/kg
1,6-Hexanediol Diacrylate	Dermal	Rabbit	LD50 3,636 mg/kg
Hydroxypropyl Methacrylate	Dermal	Rabbit	LD50 > 5,000 mg/kg
1,6-Hexanediol Diacrylate	Ingestion	Rat	LD50 > 5,000 mg/kg
Hydroxypropyl Methacrylate	Ingestion	Rat	LD50 11,200 mg/kg
Isobornyl Acrylate	Dermal	Rabbit	LD50 > 5,000 mg/kg
Isobornyl Acrylate	Ingestion	Rat	LD50 4,350 mg/kg

**3M™ Rearview Mirror Adhesive / Adhesive, P/N 08752; 3M™ High Bond Rearview Mirror Adhesive / Adhesive, PN08749**

Acrylic Acid	Dermal	Rabbit	LD50 295 mg/kg
Acrylic Acid	Inhalation-Dust/Mist (4 hours)	Rat	LC50 3.8 mg/l
Acrylic Acid	Ingestion	Rat	LD50 1,250 mg/kg
1-Acetyl-2-Phenylhydrazine	Dermal		LD50 estimated to be 200 - 1,000 mg/kg
1-Acetyl-2-Phenylhydrazine	Ingestion	Mouse	LD50 270 mg/kg
Saccharin	Ingestion	Mouse	LD50 17,000 mg/kg
3-(Trimethoxysilyl)Propyl Glycidyl Ether	Dermal	Rabbit	LD50 4,000 mg/kg
3-(Trimethoxysilyl)Propyl Glycidyl Ether	Inhalation-Dust/Mist (4 hours)	Rat	LC50 > 5.3 mg/l
3-(Trimethoxysilyl)Propyl Glycidyl Ether	Ingestion	Rat	LD50 7,010 mg/kg
Cumene Hydroperoxide	Dermal	Rat	LD50 500 mg/kg
Cumene Hydroperoxide	Inhalation-Vapor (4 hours)	Rat	LC50 1.4 mg/l
Cumene Hydroperoxide	Ingestion	Rat	LD50 382 mg/kg
2,6-Di-Tert-Butyl-P-Cresol	Dermal	Rat	LD50 > 2,000 mg/kg
2,6-Di-Tert-Butyl-P-Cresol	Ingestion	Rat	LD50 > 2,930 mg/kg

ATE = acute toxicity estimate

**Skin Corrosion/Irritation**

Name	Species	Value
1,6-Hexanediol Diacrylate	Rabbit	Irritant
Isobornyl Acrylate	Rabbit	Minimal irritation
Acrylic Acid	Rabbit	Corrosive
3-(Trimethoxysilyl)Propyl Glycidyl Ether	Rabbit	Mild irritant
Cumene Hydroperoxide	Rabbit	Corrosive
2,6-Di-Tert-Butyl-P-Cresol	Human and animal	Minimal irritation

**Serious Eye Damage/Irritation**

Name	Species	Value
1,6-Hexanediol Diacrylate	Rabbit	Moderate irritant
Isobornyl Acrylate	Rabbit	Mild irritant
Acrylic Acid	Rabbit	Corrosive
3-(Trimethoxysilyl)Propyl Glycidyl Ether	Rabbit	Corrosive
Cumene Hydroperoxide	Rabbit	Corrosive
2,6-Di-Tert-Butyl-P-Cresol	Rabbit	Mild irritant

**Skin Sensitization**

Name	Species	Value
Bisphenol A Polyethylene Glycol Diether Dimethacrylate	Guinea pig	Not sensitizing
1,6-Hexanediol Diacrylate	Guinea pig	Sensitizing
Isobornyl Acrylate	Mouse	Sensitizing
Acrylic Acid	Guinea pig	Some positive data exist, but the data are not sufficient for classification
3-(Trimethoxysilyl)Propyl Glycidyl Ether	Guinea pig	Some positive data exist, but the data are not sufficient for classification
2,6-Di-Tert-Butyl-P-Cresol	Human	Some positive data exist, but the data are not sufficient for classification

**Respiratory Sensitization**

Name	Species	Value
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**Germ Cell Mutagenicity**

Name	Route	Value
Bisphenol A Polyethylene Glycol Diether Dimethacrylate	In Vitro	Not mutagenic
1,6-Hexanediol Diacrylate	In Vitro	Some positive data exist, but the data are not sufficient for classification
Isobornyl Acrylate	In Vitro	Some positive data exist, but the data are not

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		sufficient for classification
Acrylic Acid	In vivo	Not mutagenic
Acrylic Acid	In Vitro	Some positive data exist, but the data are not sufficient for classification
3-(Trimethoxysilyl)Propyl Glycidyl Ether	In vivo	Not mutagenic
3-(Trimethoxysilyl)Propyl Glycidyl Ether	In Vitro	Some positive data exist, but the data are not sufficient for classification
Cumene Hydroperoxide	In vivo	Not mutagenic
Cumene Hydroperoxide	In Vitro	Some positive data exist, but the data are not sufficient for classification
2,6-Di-Tert-Butyl-P-Cresol	In Vitro	Not mutagenic
2,6-Di-Tert-Butyl-P-Cresol	In vivo	Not mutagenic

**Carcinogenicity**

Name	Route	Species	Value
1,6-Hexanediol Diacrylate	Dermal	Mouse	Not carcinogenic
Acrylic Acid	Ingestion	Rat	Not carcinogenic
Acrylic Acid	Dermal	Mouse	Some positive data exist, but the data are not sufficient for classification
3-(Trimethoxysilyl)Propyl Glycidyl Ether	Dermal	Mouse	Not carcinogenic
2,6-Di-Tert-Butyl-P-Cresol	Ingestion	Multiple animal species	Some positive data exist, but the data are not sufficient for classification

**Reproductive Toxicity**

**Reproductive and/or Developmental Effects**

Name	Route	Value	Species	Test Result	Exposure Duration
1,6-Hexanediol Diacrylate	Not Specified	Not toxic to development	Rat	NOAEL 750 mg/kg/day	during organogenesis
Acrylic Acid	Ingestion	Not toxic to female reproduction	Rat	NOAEL 460 mg/kg/day	2 generation
Acrylic Acid	Ingestion	Not toxic to male reproduction	Rat	NOAEL 460 mg/kg/day	2 generation
Acrylic Acid	Inhalation	Not toxic to development	Rat	NOAEL 1.1 mg/l	during organogenesis
Acrylic Acid	Ingestion	Some positive developmental data exist, but the data are not sufficient for classification	Rat	NOAEL 53 mg/kg/day	2 generation
3-(Trimethoxysilyl)Propyl Glycidyl Ether	Ingestion	Not toxic to female reproduction	Rat	NOAEL 1,000 mg/kg/day	1 generation
3-(Trimethoxysilyl)Propyl Glycidyl Ether	Ingestion	Not toxic to male reproduction	Rat	NOAEL 1,000 mg/kg/day	1 generation
3-(Trimethoxysilyl)Propyl Glycidyl Ether	Ingestion	Some positive developmental data exist, but the data are not sufficient for classification	Rat	NOAEL 3,000 mg/kg/day	during organogenesis
2,6-Di-Tert-Butyl-P-Cresol	Ingestion	Not toxic to female reproduction	Rat	NOAEL 500 mg/kg/day	2 generation
2,6-Di-Tert-Butyl-P-Cresol	Ingestion	Not toxic to male reproduction	Rat	NOAEL 500 mg/kg/day	2 generation
2,6-Di-Tert-Butyl-P-Cresol	Ingestion	Some positive developmental data exist, but the data are not sufficient for classification	Rat	NOAEL 100 mg/kg/day	2 generation

**Target Organ(s)**

**Specific Target Organ Toxicity - single exposure**

Name	Route	Target Organ(s)	Value	Species	Test Result	Exposure Duration
1,6-Hexanediol Diacrylate	Inhalation	respiratory irritation	Some positive data exist, but the data are not sufficient for classification	Human	NOAEL Not available	
Isobornyl Acrylate	Inhalation	respiratory irritation	Some positive data exist, but the	official	NOAEL Not	

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			data are not sufficient for classification	classification	available	
Acrylic Acid	Inhalation	respiratory irritation	Some positive data exist, but the data are not sufficient for classification	Human	NOAEL Not available	
Cumene Hydroperoxide	Inhalation	central nervous system depression	May cause drowsiness or dizziness	Human	NOAEL Not available	occupational exposure
Cumene Hydroperoxide	Inhalation	respiratory irritation	May cause respiratory irritation	Human	NOAEL Not available	occupational exposure

**Specific Target Organ Toxicity - repeated exposure**

Name	Route	Target Organ(s)	Value	Species	Test Result	Exposure Duration
1,6-Hexanediol Diacrylate	Dermal	skin	May cause damage to organs though prolonged or repeated exposure	Mouse	LOAEL 70 mg/kg/day	80 weeks
Cumene Hydroperoxide	Inhalation	nervous system   respiratory system	Causes damage to organs through prolonged or repeated exposure	Rat	LOAEL 0.2 mg/l	7 days
Cumene Hydroperoxide	Inhalation	heart   liver   kidney and/or bladder	Some positive data exist, but the data are not sufficient for classification	Rat	NOAEL 0.03 mg/l	90 days
3-(Trimethoxysilyl)Propyl Glycidyl Ether	Ingestion	heart   endocrine system   bone, teeth, nails, and/or hair   hematopoietic system   liver   immune system   nervous system   kidney and/or bladder   respiratory system	All data are negative	Rat	NOAEL 1,000 mg/kg/day	28 days
2,6-Di-Tert-Butyl-P-Cresol	Ingestion	liver	May cause damage to organs though prolonged or repeated exposure	Rat	NOAEL 25 mg/kg/day	28 days
2,6-Di-Tert-Butyl-P-Cresol	Ingestion	kidney and/or bladder	Some positive data exist, but the data are not sufficient for classification	Rat	NOAEL 500 mg/kg/day	2 generation
2,6-Di-Tert-Butyl-P-Cresol	Ingestion	blood	Some positive data exist, but the data are not sufficient for classification	Rat	LOAEL 420 mg/kg/day	40 days
2,6-Di-Tert-Butyl-P-Cresol	Ingestion	endocrine system	Some positive data exist, but the data are not sufficient for classification	Rat	NOAEL 25 mg/kg/day	2 generation
2,6-Di-Tert-Butyl-P-Cresol	Ingestion	heart	Some positive data exist, but the data are not sufficient for classification	Mouse	NOAEL 3,480 mg/kg/day	10 weeks

**Aspiration Hazard**

Name	Value
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Please contact the address or phone number listed on the first page of the SDS for additional toxicological information on this material and/or its components.

**SECTION 12: Ecological information**

The information below may not agree with the EU material classification in Section 2 and/or the ingredient classifications in Section 3 if specific ingredient classifications are mandated by a competent authority. In addition, statements and data presented in Section 12 are based on UN GHS calculation rules and classifications derived from 3M assessments.

**12.1. Toxicity**

No product test data available

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<b>Material</b>	<b>Cas #</b>	<b>Organism</b>	<b>Type</b>	<b>Exposure</b>	<b>Test Endpoint</b>	<b>Test Result</b>
1-Acetyl-2-Phenylhydrazine	114-83-0	Water flea	Estimated	48 hours	Effect Concentration 50%	<1.2 mg/l
1-Acetyl-2-Phenylhydrazine	114-83-0	Zebra Fish	Estimated	96 hours	Lethal Concentration 50%	0.16 mg/l
3-(Trimethoxysilyl)Propyl Glycidyl Ether	2530-83-8	Water flea	Experimental	48 hours	Effect Concentration 50%	473 mg/l
3-(Trimethoxysilyl)Propyl Glycidyl Ether	2530-83-8	Common Carp	Experimental	96 hours	Lethal Concentration 50%	55 mg/l
3-(Trimethoxysilyl)Propyl Glycidyl Ether	2530-83-8	Green algae	Experimental	96 hours	Effect Concentration 50%	350 mg/l
Acrylic Acid	79-10-7	Green algae	Experimental	72 hours	Effect Concentration 50%	0.13 mg/l
Acrylic Acid	79-10-7	Water flea	Experimental	48 hours	Effect Concentration 50%	47 mg/l
Acrylic Acid	79-10-7	Rainbow Trout	Experimental	96 hours	Lethal Concentration 50%	27 mg/l
Cumene Hydroperoxide	80-15-9	Rainbow Trout	Experimental	96 hours	Lethal Concentration 50%	3.9 mg/l
Cumene Hydroperoxide	80-15-9	Water flea	Experimental	24 hours	Effect Concentration 50%	7 mg/l
1,6-Hexanediol Diacrylate	13048-33-4	Green algae	Experimental	72 hours	Effect Concentration 50%	1.6 mg/l
1,6-Hexanediol Diacrylate	13048-33-4	Ricefish	Experimental	96 hours	Lethal Concentration 50%	0.38 mg/l
1,6-Hexanediol Diacrylate	13048-33-4	Water flea	Experimental	48 hours	Effect Concentration 50%	2.7 mg/l
Hydroxypropyl Methacrylate	27813-02-1	Ricefish	Estimated	96 hours	Lethal Concentration 50%	>100 mg/l
Hydroxypropyl Methacrylate	27813-02-1	Green Algae	Estimated	72 hours	Effect Concentration 50%	345 mg/l
Hydroxypropyl Methacrylate	27813-02-1	Water flea	Estimated	48 hours	Effect Concentration 50%	380 mg/l
Isobornyl Acrylate	5888-33-5	Water flea	Experimental	48 hours	Effect Concentration	1 mg/l



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					50%	
Isobornyl Acrylate	5888-33-5	Fathead Minnow	Estimated	96 hours	Lethal Concentration 50%	1.598 mg/l
Saccharin	81-07-2	Fathead Minnow	Experimental	96 hours	Lethal Concentration 50%	18,300 mg/l
1-Acetyl-2-Phenylhydrazine	114-83-0	Zebra Fish	Estimated	16 days	No obs Effect Conc	0.00049 mg/l
3-(Trimethoxysilyl)Propyl Glycidyl Ether	2530-83-8	Green algae	Experimental	96 hours	No obs Effect Conc	130 mg/l
3-(Trimethoxysilyl)Propyl Glycidyl Ether	2530-83-8	Water flea	Experimental	21 days	No obs Effect Conc	>=100 mg/l
Acrylic Acid	79-10-7	Water flea	Experimental	21 days	No obs Effect Conc	3.8 mg/l
Acrylic Acid	79-10-7	Green algae	Experimental	72 hours	No obs Effect Conc	0.025 mg/l
2,6-Di-Tert-Butyl-P-Cresol	128-37-0	Green algae	Experimental	72 hours	No obs Effect Conc	0.4 mg/l
1,6-Hexanediol Diacrylate	13048-33-4	Water flea	Experimental	21 days	No obs Effect Conc	0.14 mg/l
1,6-Hexanediol Diacrylate	13048-33-4	Green algae	Experimental	72 hours	No obs Effect Conc	0.27 mg/l
Hydroxypropyl Methacrylate	27813-02-1	Green Algae	Estimated	72 hours	No obs Effect Conc	160 mg/l
Hydroxypropyl Methacrylate	27813-02-1	Water flea	Estimated	21 days	No obs Effect Conc	24.1 mg/l
Bisphenol A Polyethylene Glycol Diether Dimethacrylate	41637-38-1		Data not available or insufficient for classification			

**12.2. Persistence and degradability**

Material	CAS No.	Test Type	Duration	Study Type	Test Result	Protocol
Hydroxypropyl Methacrylate	27813-02-1	Experimental Biodegradation	28 days	Biological Oxygen Demand	81 % weight	OECD 301C - MITI (I)
Bisphenol A Polyethylene Glycol Diether Dimethacrylate	41637-38-1	Calculated Biodegradation	28 days	Biological Oxygen Demand	38 % weight	OECD 301C - MITI (I)
Cumene Hydroperoxide	80-15-9	Experimental Biodegradation	28 days	Biological Oxygen Demand	0 % weight	OECD 301C - MITI (I)
Saccharin	81-07-2	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
1-Acetyl-2-	114-83-0	Estimated	28 days	Dissolv.	97 % weight	OECD 301E - Modified

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Phenylhydrazine		Biodegradation		Organic Carbon Deplet		OECD Scre
1,6-Hexanediol Diacrylate	13048-33-4	Estimated Biodegradation	28 days	Biological Oxygen Demand	84 % weight	OECD 301F - Manometric Respiro
1,6-Hexanediol Diacrylate	13048-33-4	Weight of Evidence Biodegradation	28 days	Biological Oxygen Demand	60 % weight	Other methods
3-(Trimethoxysilyl)Propyl Glycidyl Ether	2530-83-8	Experimental Hydrolysis		Hydrolytic half-life	6.5 hours (t <sub>1/2</sub> )	Other methods
3-(Trimethoxysilyl)Propyl Glycidyl Ether	2530-83-8	Experimental Biodegradation	28 days	Dissolv. Organic Carbon Deplet	37 % weight	Other methods
Isobornyl Acrylate	5888-33-5	Estimated Photolysis		Photolytic half-life (in air)	1.45 days (t <sub>1/2</sub> )	Other methods
Isobornyl Acrylate	5888-33-5	Experimental Biodegradation	28 days	Biological Oxygen Demand	73 % weight	OECD 301D - Closed Bottle Test
Acrylic Acid	79-10-7	Experimental Biodegradation	28 days	Biological Oxygen Demand	81 % weight	OECD 301D - Closed Bottle Test
2,6-Di-Tert-Butyl-P-Cresol	128-37-0	Experimental Biodegradation	28 days	Biological Oxygen Demand	4.5 % weight	OECD 301C - MITI (I)

**12.3. Bioaccumulative potential**

Material	CAS No.	Test Type	Duration	Study Type	Test Result	Protocol
Hydroxypropyl Methacrylate	27813-02-1	Experimental Bioconcentration		Log of Octanol/H <sub>2</sub> O part. coeff	0.97	Other methods
Bisphenol A Polyethylene Glycol Diether Dimethacrylate	41637-38-1	Calculated Bioconcentration		Bioaccumulation Factor	6.7	Est: Bioconcentration factor
Cumene Hydroperoxide	80-15-9	Estimated Bioconcentration		Bioaccumulation Factor	37.49	Other methods
Saccharin	81-07-2	Experimental Bioconcentration		Log of Octanol/H <sub>2</sub> O part. coeff	0.91	Other methods
1-Acetyl-2-Phenylhydrazine	114-83-0	Estimated BCF - Other		Bioaccumulation Factor	5	Other methods
1,6-Hexanediol Diacrylate	13048-33-4	Estimated Bioconcentration		Bioaccumulation Factor	42	Est: Bioconcentration factor
3-(Trimethoxysilyl)Propyl Glycidyl Ether	2530-83-8	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Isobornyl	5888-33-5	Experimental		Log of	2.4	Other methods

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Acrylate		Bioconcentration		Octanol/H2O part. coeff		
Acrylic Acid	79-10-7	Experimental Bioconcentration		Log of Octanol/H2O part. coeff	0.35	Other methods
2,6-Di-Tert-Butyl-P-Cresol	128-37-0	Experimental BCF-Carp	56 days	Bioaccumulation Factor	1276	OECD 305E-Bioaccum FI-thru fis

**12.4. Mobility in soil**

Please contact manufacturer for more details

**12.5. Results of the PBT and vPvB assessment**

No information available at this time, contact manufacturer for more details

**12.6. Other adverse effects**

No information available

**SECTION 13: Disposal considerations****13.1 Waste treatment methods**

Dispose of contents/ container in accordance with the local/regional/national/international regulations.

Dispose of completely cured (or polymerized) material in a permitted industrial waste facility. As a disposal alternative, incinerate uncured product in a permitted waste incineration facility. Proper destruction may require the use of additional fuel during incineration processes. If no other disposal options are available, waste product that has been completely cured or polymerized may be placed in a landfill properly designed for industrial waste. Empty drums/barrels/containers used for transporting and handling hazardous chemicals (chemical substances/mixtures/preparations classified as Hazardous as per applicable regulations) shall be considered, stored, treated & disposed of as hazardous wastes unless otherwise defined by applicable waste regulations. Consult with the respective regulating authorities to determine the available treatment and disposal facilities.

The coding of a waste stream is based on the application of the product by the consumer. Since this is out of the control of 3M, no waste code(s) for products after use will be provided. Please refer to the European Waste Code (EWC - 2000/532/CE and amendments) to assign the correct waste code to your waste stream. Ensure national and/or regional regulations are complied with and always use a licensed waste contractor

**EU waste code (product as sold)**

080409\* Waste adhesives and sealants containing organic solvents or other dangerous substances

**SECTION 14: Transportation information****SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****Carcinogenicity**

<u>Ingredient</u>	<u>C.A.S. No.</u>	<u>Classification</u>	<u>Regulation</u>
2,6-Di-Tert-Butyl-P-Cresol	128-37-0	Gr. 3: Not classifiable	International Agency for Research on Cancer
Acrylic Acid	79-10-7	Gr. 3: Not classifiable	International Agency for Research on Cancer
Saccharin	81-07-2	Gr. 3: Not classifiable	International Agency

for Research on Cancer

### Global inventory status

Contact 3M for more information. The components of this material are in compliance with the China "Measures on Environmental Management of New Chemical Substance". Certain restrictions may apply. Contact the selling division for additional information. The components of this material are in compliance with the provisions of the Korean Toxic Chemical Control Law. Certain restrictions may apply. Contact the selling division for additional information. The components of this material are in compliance with the provisions of Australia National Industrial Chemical Notification and Assessment Scheme (NICNAS). Certain restrictions may apply. Contact the selling division for additional information. The components of this material are in compliance with the provisions of Japan Chemical Substance Control Law. Certain restrictions may apply. Contact the selling division for additional information. The components of this material are in compliance with the provisions of Philippines RA 6969 requirements. Certain restrictions may apply. Contact the selling division for additional information. The components of this product are in compliance with the new substance notification requirements of CEPA. The components of this product are in compliance with the chemical notification requirements of TSCA.

### 15.2. Chemical Safety Assessment

Not applicable

## SECTION 16: Other information

### List of relevant H statements

H226	Flammable liquid and vapor.
H242	Heating may cause a fire.
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H311	Toxic in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H330	Fatal if inhaled.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H372	Causes damage to organs through prolonged or repeated exposure.
H373	May cause damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

### List of relevant R-phrases

R7	May cause fire.
R10	Flammable.
R20	Harmful by inhalation.
R21	Harmful in contact with skin.
R22	Harmful if swallowed.
R23	Toxic by inhalation.
R34	Causes burns.
R35	Causes severe burns.
R36	Irritating to eyes.
R37	Irritating to respiratory system.
R38	Irritating to skin.
R41	Risk of serious damage to eyes.

R43	May cause sensitization by skin contact.
R48/20	Harmful: danger of serious damage to health by prolonged exposure through inhalation.
R48/22	Harmful: danger of serious damage to health by prolonged exposure if swallowed.
R50	Very toxic to aquatic organisms.
R51/53	Toxic to aquatic organisms. May cause long-term adverse effects in the aquatic environment.

**Revision information:**

No revision information is available.

DISCLAIMER: The information on this Safety Data Sheet is based on our experience and is correct to the best of our knowledge at the date of publication, but we do not accept any liability for any loss, damage or injury resulting from its use (except as required by law). The information may not be valid for any use not referred to in this Data Sheet or use of the product in combination with other materials. For these reasons, it is important that customers carry out their own test to satisfy themselves as to the suitability of the product for their own intended applications.

**3M Greece SDSs are available at [www.3m.com/gr](http://www.3m.com/gr)**



## Safety Data Sheet

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<b>Document Group:</b>	07-7690-6	<b>Version Number:</b>	1.00
<b>Revision Date:</b>	14/07/2014	<b>Supersedes Date:</b>	Initial Issue

This Safety Data Sheet has been prepared in accordance with the REACH Regulation (1907/2006) and its modifications

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

3M™ Rearview Mirror Adhesive (Primer), PN08752; 3M™ High Bond Rearview Mirror Adhesive (Primer), PN08749

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

##### Identified uses

Adhesive

#### 1.3. Details of the supplier of the substance or mixture

**ADDRESS:** 3M Hellas MEPE, Kifisias 20, 151 25 Maroussi, Athens, Greece. Tel.: 00302106885300 Fax: 00302106843281

**E Mail:** inovation.gr@mmm.com

**Website:** www.3m.com/gr

#### 1.4. Emergency telephone number

2106885300

### SECTION 2: Hazard identification

#### 2.1. Classification of the substance or mixture

CLP REGULATION (EC) No 1272/2008

##### CLASSIFICATION:

Flammable Liquid, Category 2 - Flam. Liq. 2; H225

Serious Eye Damage/Eye Irritation, Category 2 - Eye Irrit. 2; H319

Specific Target Organ Toxicity-Single Exposure, Category 3 - STOT SE 3; H336

Specific Target Organ Toxicity-Repeated Exposure, Category 2 - STOT RE 2; H373

For full text of H phrases, see Section 16.

#### Dangerous substances(67/548/EEC)/preparations(1999/45/EC) directive

##### Indication of Danger:

Highly flammable; F; R11

Irritant; Xi; R36

R67

For full text of R phrases, see Section 16.

## 2.2. Label elements

### CLP REGULATION (EC) No 1272/2008

#### SIGNAL WORD

Danger

#### Symbols:

GHS02 (Flame) | GHS07 (Exclamation mark) | GHS08 (Health Hazard) |

#### Pictograms



#### Ingredient

ISOPROPYL ALCOHOL  
STODDARD SOLVENT

#### C.A.S. No.

67-63-0  
8052-41-3

#### % by Wt

60 - 100  
1 - 5

#### HAZARD STATEMENTS:

H225 Highly flammable liquid and vapor.  
H319 Causes serious eye irritation.  
H336 May cause drowsiness or dizziness.  
H373 May cause damage to organs through prolonged or repeated exposure: nervous system |

#### PRECAUTIONARY STATEMENTS

##### General:

P102 Keep out of reach of children.  
P101 If medical advice is needed, have product container or label at hand.

##### Prevention:

P210A Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P260 Do not breathe dust/fume/gas/mist/vapors/spray.  
P262 Do not get in eyes, on skin, or on clothing.  
P271 Use only outdoors or in a well-ventilated area.

##### Response:

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P331 Do NOT induce vomiting.  
P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.  
P370 + P378G In case of fire: Use a fire fighting agent suitable for flammable liquids such as dry chemical or carbon dioxide to extinguish.

##### Disposal:

P501 Dispose of contents/container in accordance with applicable local/regional/national/international regulations.

3% of the mixture consists of components of unknown acute dermal toxicity.  
3% of the mixture consists of components of unknown acute inhalation toxicity.  
Contains 6% of components with unknown hazards to the aquatic environment.

**Notes on labelling:**

Nota P applied to CAS 8052-41-3. For containers <125 mL, remove H225-319 and P210A-305+351+338-370+378G.

**Dangerous substances(67/548/EEC)/preparations(1999/45/EC) directive**

**Symbol(s)**



Highly  
Flammable



Irritant

**Contains:**

No ingredients are assigned to the label.

**Risk phrases:**

R11 Highly flammable.  
R36 Irritating to eyes.  
R67 Vapours may cause drowsiness and dizziness.

**Safety phrases:**

S16 Keep away from sources of ignition - No Smoking.  
S23A Do not breathe vapor.  
S24 Avoid contact with skin.  
S62 If swallowed, do not induce vomiting: Seek medical advice immediately and show this container or label.  
S2 Keep out of the reach of children.

**Notes on labelling:**

Nota P applied to CASRN 8052-41-3. For containers <125 mL, label with F, Xi; R67 and S23A-24-62-2.

**2.3. Other hazards**

None known

**SECTION 3: Composition/information on ingredients**

Ingredient	C.A.S. No.	EU Inventory	% by Wt	Classification
ISOPROPYL ALCOHOL	67-63-0	EINECS 200-661-7	60 - 100	F:R11; Xi:R36; R67 (EU)  **Flam. Liq. 2**, H225; **Eye Irrit. 2**, H319; **STOT SE 3**, H336 (CLP)
STODDARD SOLVENT	8052-41-3	EINECS 232-489-3	1 - 5	Xn:R48/20; Xn:R65 - Nota P (EU) Xi:R38 (Self Classified)  **Asp. Tox. 1**, H304; **STOT RE 1**, H372 - Nota P (CLP) **Skin Irrit. 2**, H315 (Self



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				Classified)
ORGANO COPPER COMPOUND	22221-10-9	EINECS 244-846-0	<= 1	Xn:R22 (Self Classified)  **Acute Tox. 4**, H302 (Self Classified)
Carboxylic acids, C3-10, copper(1+) salts, oxidized	85737-14-0		<= 1	Xn:R22 (Self Classified)  **Acute Tox. 4**, H302 (Self Classified)
Neodecanoic acid, copper(2+) salt	68084-48-0	EINECS 268-439-2	<= 1	

Please see section 16 for the full text of any R phrases and H statements referred to in this section

Please refer to section 15 for the any applicable Notas that have been applied to the above components

For information on ingredient occupational exposure limits or PBT or vPvB status, see sections 8 and 12 of this SDS

**SECTION 4: First aid measures****4.1. Description of first aid measures****Inhalation:**

Remove person to fresh air. If you feel unwell, get medical attention.

**Skin Contact:**

Immediately wash with soap and water. Remove contaminated clothing and wash before reuse. If signs/symptoms develop, get medical attention.

**Eye Contact:**

Immediately flush with large amounts of water. Remove contact lenses if easy to do. Continue rinsing. Get medical attention.

**If Swallowed:**

Rinse mouth. If you feel unwell, get medical attention.

**4.2. Most important symptoms and effects, both acute and delayed**

See Section 11.1. Information on toxicological effects.

**4.3. Indication of any immediate medical attention and special treatment required**

Not applicable

**SECTION 5: Fire-fighting measures****5.1. Extinguishing media**

In case of fire: Use a fire fighting agent suitable for flammable liquids such as dry chemical or carbon dioxide to extinguish.

**5.2. Special hazards arising from the substance or mixture**

Closed containers exposed to heat from fire may build pressure and explode.

**5.3. Advice for fire-fighters**

Water may not effectively extinguish fire; however, it should be used to keep fire-exposed containers and surfaces cool and prevent explosive rupture.

**SECTION 6: Accidental release measures**

**6.1. Personal precautions, protective equipment and emergency procedures**

Evacuate area. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Use only non-sparking tools. Ventilate the area with fresh air. Refer to other sections of this SDS for information regarding physical and health hazards, respiratory protection, ventilation, and personal protective equipment.

**6.2. Environmental precautions**

Avoid release to the environment.

**6.3. Methods and material for containment and cleaning up**

Contain spill. Cover spill area with a fire-extinguishing foam designed for use on solvents, such as alcohols and acetone, that can dissolve in water. An AR - AFFF type foam is recommended. Working from around the edges of the spill inward, cover with bentonite, vermiculite, or commercially available inorganic absorbent material. Mix in sufficient absorbent until it appears dry. Remember, adding an absorbent material does not remove a physical, health, or environmental hazard. Collect as much of the spilled material as possible using non-sparking tools. Place in a metal container approved for transportation by appropriate authorities. Clean up residue with detergent and water. Seal the container. Dispose of collected material as soon as possible.

**6.4. Reference to other sections**

Refer to Section 8 and Section 13 for more information

**SECTION 7: Handling and storage**

**7.1. Precautions for safe handling**

For industrial or professional use only. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Use only non-sparking tools. Take precautionary measures against static discharge. Avoid breathing dust/fume/gas/mist/vapors/spray. Do not get in eyes, on skin, or on clothing. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Avoid contact with oxidizing agents (eg. chlorine, chromic acid etc.) Wear low static or properly grounded shoes. To minimize the risk of ignition, determine applicable electrical classifications for the process using this product and select specific local exhaust ventilation equipment to avoid flammable vapor accumulation. Ground/bond container and receiving equipment if there is potential for static electricity accumulation during transfer.

**7.2. Conditions for safe storage including any incompatibilities**

Store in a well-ventilated place. Keep cool. Keep container tightly closed. Store away from heat. Store away from acids. Store away from oxidizing agents.

**7.3. Specific end use(s)**

See information in Section 7.1 and 7.2 for handling and storage recommendations. See Section 8 for exposure controls and personal protection recommendations.

**SECTION 8: Exposure controls/personal protection**

**8.1. Control parameters**

**Occupational exposure limits**

<b>Ingredient</b>	<b>C.A.S. No.</b>	<b>Agency</b>	<b>Limit type</b>	<b>Additional Comments</b>
ISOPROPYL ALCOHOL	67-63-0	Greece OELs	TWA(8 hours):980 mg/m3(400 ppm);STEL(15 minutes):1225 mg/m3(500 ppm)	
STODDARD SOLVENT	8052-41-3	Greece OELs	TWA(8 hours):575 mg/m3(100 ppm);STEL(15 minutes):720 mg/m3(125 ppm)	

Greece OELs : Greece. OELs (Decree No. 90/1999, as amended)

TWA: Time-Weighted-Average

STEL: Short Term Exposure Limit

CEIL: Ceiling

## 8.2. Exposure controls

### 8.2.1. Engineering controls

Use general dilution ventilation and/or local exhaust ventilation to control airborne exposures to below relevant Exposure Limits and/or control dust/fume/gas/mist/vapors/spray. If ventilation is not adequate, use respiratory protection equipment. Use explosion-proof ventilation equipment.

### 8.2.2. Personal protective equipment (PPE)

#### Eye/face protection

Select and use eye/face protection to prevent contact based on the results of an exposure assessment. The following eye/face protection(s) are recommended:

Safety Glasses with side shields

Indirect Vented Goggles

#### Skin/hand protection

Select and use gloves and/or protective clothing approved to relevant local standards to prevent skin contact based on the results of an exposure assessment. Selection should be based on use factors such as exposure levels, concentration of the substance or mixture, frequency and duration, physical challenges such as temperature extremes, and other use conditions. Consult with your glove and/or protective clothing manufacturer for selection of appropriate compatible gloves/protective clothing.

Gloves made from the following material(s) are recommended: Butyl Rubber

Select and use body protection to prevent contact based on the results of an exposure assessment. The following protective clothing material(s) are recommended: Apron – Butyl rubber

#### Respiratory protection

An exposure assessment may be needed to decide if a respirator is required. If a respirator is needed, use respirators as part of a full respiratory protection program. Based on the results of the exposure assessment, select from the following respirator type(s) to reduce inhalation exposure:

Half facepiece or full facepiece air-purifying respirator suitable for organic vapors

For questions about suitability for a specific application, consult with your respirator manufacturer.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state	Liquid
Appearance/Odor	Clear Liquid, Mild Organic Odor
Odor threshold	No Data Available
pH	Not Applicable
Boiling point/boiling range	82.2 °C
Melting point	Not Applicable
Flammability (solid, gas)	Not Applicable
Explosive properties:	Not Classified
Oxidising properties:	Not Classified
Flash Point	11.7 °C [Test Method: Tagliabue Closed Cup]
Autoignition temperature	No Data Available
Flammable Limits(LEL)	2 %
Flammable Limits(UEL)	12 %
Vapor Pressure	4,266.3 Pa [Details: CONDITIONS: @ 68 F.]
Relative Density	0.79 [Ref Std: WATER=1]
Water solubility	95 - 100 %

Water solubility	Moderate
Solubility- non-water	No Data Available
Partition coefficient: n-octanol/ water	No Data Available
Evaporation rate	7.7
Decomposition temperature	No Data Available
Viscosity	0.003 Pa-s
Density	0.79 g/ml

#### 9.2. Other information

Hazardous Air Pollutants	0 % weight [ <i>Test Method:</i> Calculated]
Volatile Organic Compounds	6.59 lb/gal [ <i>Test Method:</i> calculated SCAQMD rule 443.1]
Volatile Organic Compounds	783 g/l [ <i>Test Method:</i> calculated SCAQMD rule 443.1]
Volatile Organic Compounds	99.1 % weight [ <i>Test Method:</i> calculated per CARB title 2]
Percent volatile	98.51 %
VOC Less H2O & Exempt Solvents	783 g/l [ <i>Test Method:</i> calculated SCAQMD rule 443.1]

## SECTION 10: Stability and reactivity

#### 10.1. Reactivity

This material may be reactive with certain agents under certain conditions - see the remaining headings in this section.

#### 10.2. Chemical stability

Stable.

#### 10.3. Possibility of hazardous reactions

Hazardous polymerization will not occur.

#### 10.4. Conditions to avoid

None known.

#### 10.5. Incompatible materials

Strong acids  
Strong oxidizing agents  
Amines

#### 10.6. Hazardous decomposition products

<u>Substance</u>	<u>Condition</u>
Carbon monoxide	Not Specified
Carbon dioxide	Not Specified

## SECTION 11: Toxicological information

The information below may not agree with the EU material classification in Section 2 and/or the ingredient classifications in Section 3 if specific ingredient classifications are mandated by a competent authority. In addition, statements and data presented in Section 11 are based on UN GHS calculation rules and classifications derived from 3M assessments.

#### 11.1. Information on Toxicological effects

##### Signs and Symptoms of Exposure

Based on test data and/or information on the components, this material may produce the following health effects:

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**Inhalation:**

Respiratory Tract Irritation: Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain.

May cause target organ effects after inhalation.

**Skin Contact:**

Mild Skin Irritation: Signs/symptoms may include localized redness, swelling, itching, and dryness.

**Eye Contact:**

Severe Eye Irritation: Signs/symptoms may include significant redness, swelling, pain, tearing, cloudy appearance of the cornea, and impaired vision.

**Ingestion:**

May be harmful if swallowed.

Gastrointestinal Irritation: Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea.

May cause target organ effects after ingestion.

**Target Organ Effects:**

**Single exposure may cause:**

Central Nervous System (CNS) Depression: Signs/symptoms may include headache, dizziness, drowsiness, incoordination, nausea, slowed reaction time, slurred speech, giddiness, and unconsciousness.

**Toxicological Data**

If a component is disclosed in section 3 but does not appear in a table below, either no data are available for that endpoint or the data are not sufficient for classification.

**Acute Toxicity**

Name	Route	Species	Value
Overall product	Dermal		No data available; calculated ATE > 5,000 mg/kg
Overall product	Inhalation-Vapor(4 hr)		No data available; calculated ATE > 50 mg/l
Overall product	Ingestion		No data available; calculated ATE 2,000 - 5,000 mg/kg
ISOPROPYL ALCOHOL	Dermal	Rabbit	LD50 12,870 mg/kg
ISOPROPYL ALCOHOL	Inhalation-Vapor (4 hours)	Rat	LC50 72.6 mg/l
ISOPROPYL ALCOHOL	Ingestion	Rat	LD50 4,710 mg/kg
STODDARD SOLVENT	Inhalation-Vapor		LC50 estimated to be 20 - 50 mg/l
STODDARD SOLVENT	Dermal	Rabbit	LD50 > 3,000 mg/kg
STODDARD SOLVENT	Ingestion	Rat	LD50 > 5,000 mg/kg
Carboxylic acids, C3-10, copper(1+) salts, oxidized	Ingestion		LD50 estimated to be 300 - 2,000 mg/kg
Neodecanoic acid, copper(2+) salt	Ingestion		LD50 estimated to be 2,000 - 5,000 mg/kg
ORGANO COPPER COMPOUND	Ingestion		LD50 estimated to be 300 - 2,000 mg/kg

ATE = acute toxicity estimate

**Skin Corrosion/Irritation**

Name	Species	Value
ISOPROPYL ALCOHOL	Multiple animal species	No significant irritation
STODDARD SOLVENT	Rabbit	Irritant

**Serious Eye Damage/Irritation**

Name	Species	Value
ISOPROPYL ALCOHOL	Rabbit	Severe irritant

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STODDARD SOLVENT	Rabbit	No significant irritation
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**Skin Sensitization**

Name	Species	Value
ISOPROPYL ALCOHOL	Guinea pig	Not sensitizing
STODDARD SOLVENT	Guinea pig	Not sensitizing

**Respiratory Sensitization**

Name	Species	Value
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**Germ Cell Mutagenicity**

Name	Route	Value
ISOPROPYL ALCOHOL	In Vitro	Not mutagenic
ISOPROPYL ALCOHOL	In vivo	Not mutagenic
STODDARD SOLVENT	In vivo	Not mutagenic
STODDARD SOLVENT	In Vitro	Some positive data exist, but the data are not sufficient for classification

**Carcinogenicity**

Name	Route	Species	Value
ISOPROPYL ALCOHOL	Inhalation	Rat	Some positive data exist, but the data are not sufficient for classification
STODDARD SOLVENT	Dermal	Mouse	Some positive data exist, but the data are not sufficient for classification
STODDARD SOLVENT	Inhalation	Human and animal	Some positive data exist, but the data are not sufficient for classification

**Reproductive Toxicity**

**Reproductive and/or Developmental Effects**

Name	Route	Value	Species	Test Result	Exposure Duration
ISOPROPYL ALCOHOL	Ingestion	Some positive developmental data exist, but the data are not sufficient for classification	Rat	NOAEL 400 mg/kg/day	during organogenesis
ISOPROPYL ALCOHOL	Inhalation	Some positive developmental data exist, but the data are not sufficient for classification	Rat	LOAEL 9 mg/l	during gestation
STODDARD SOLVENT	Inhalation	Not toxic to development	Rat	NOAEL 2.4 mg/l	during organogenesis

**Target Organ(s)**

**Specific Target Organ Toxicity - single exposure**

Name	Route	Target Organ(s)	Value	Species	Test Result	Exposure Duration
ISOPROPYL ALCOHOL	Inhalation	central nervous system depression	May cause drowsiness or dizziness	Human	NOAEL Not available	
ISOPROPYL ALCOHOL	Inhalation	respiratory irritation	Some positive data exist, but the data are not sufficient for classification	Human	NOAEL Not available	
ISOPROPYL ALCOHOL	Inhalation	auditory system	Some positive data exist, but the data are not sufficient for classification	Guinea pig	NOAEL 13.4 mg/l	24 hours
ISOPROPYL ALCOHOL	Ingestion	central nervous system depression	May cause drowsiness or dizziness	Human	NOAEL Not available	poisoning and/or abuse
STODDARD SOLVENT	Inhalation	central nervous system depression	May cause drowsiness or dizziness	Human and animal	NOAEL Not available	
STODDARD SOLVENT	Inhalation	respiratory irritation	Some positive data exist, but the data are not sufficient for		NOAEL Not available	

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STODDARD SOLVENT	Inhalation	nervous system	classification Some positive data exist, but the data are not sufficient for classification	Dog	NOAEL 6.5 mg/l	4 hours
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**Specific Target Organ Toxicity - repeated exposure**

Name	Route	Target Organ(s)	Value	Species	Test Result	Exposure Duration
ISOPROPYL ALCOHOL	Inhalation	kidney and/or bladder	Some positive data exist, but the data are not sufficient for classification	Rat	NOAEL 12.3 mg/l	24 months
ISOPROPYL ALCOHOL	Inhalation	nervous system	All data are negative	Rat	NOAEL 12 mg/l	13 weeks
ISOPROPYL ALCOHOL	Ingestion	kidney and/or bladder	Some positive data exist, but the data are not sufficient for classification	Rat	NOAEL 400 mg/kg/day	12 weeks
STODDARD SOLVENT	Inhalation	nervous system	Some positive data exist, but the data are not sufficient for classification	Rat	LOAEL 4.6 mg/l	6 months
STODDARD SOLVENT	Inhalation	kidney and/or bladder	Some positive data exist, but the data are not sufficient for classification	Rat	LOAEL 1.9 mg/l	13 weeks
STODDARD SOLVENT	Inhalation	respiratory system	Some positive data exist, but the data are not sufficient for classification	Multiple animal species	NOAEL 0.6 mg/l	90 days
STODDARD SOLVENT	Inhalation	bone, teeth, nails, and/or hair   blood   liver   muscles	All data are negative	Rat	NOAEL 5.6 mg/l	12 weeks
STODDARD SOLVENT	Inhalation	heart	All data are negative	Multiple animal species	NOAEL 1.3 mg/l	90 days

**Aspiration Hazard**

Name	Value
STODDARD SOLVENT	Aspiration hazard

Please contact the address or phone number listed on the first page of the SDS for additional toxicological information on this material and/or its components.

**SECTION 12: Ecological information**

The information below may not agree with the EU material classification in Section 2 and/or the ingredient classifications in Section 3 if specific ingredient classifications are mandated by a competent authority. In addition, statements and data presented in Section 12 are based on UN GHS calculation rules and classifications derived from 3M assessments.

**12.1. Toxicity**

No product test data available

Material	Cas #	Organism	Type	Exposure	Test Endpoint	Test Result
ISOPROPYL ALCOHOL	67-63-0	Fathead Minnow	Experimental	96 hours	Lethal Concentration 50%	6,120 mg/l
ISOPROPYL ALCOHOL	67-63-0	Algae	Experimental	24 hours	Effect Concentration 50%	>1,000 mg/l
ISOPROPYL ALCOHOL	67-63-0	Crustacea	Experimental	48 hours	Effect Concentration 50%	1,400 mg/l

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ISOPROPYL ALCOHOL	67-63-0	Water flea	Experimental	21 days	No obs Effect Conc	30 mg/l
STODDARD SOLVENT	8052-41-3		Data not available or insufficient for classification			
Carboxylic acids, C3-10, copper(1+) salts, oxidized	85737-14-0		Data not available or insufficient for classification			
ORGANO COPPER COMPOUND	22221-10-9		Data not available or insufficient for classification			
Neodecanoic acid, copper(2+) salt	68084-48-0		Data not available or insufficient for classification			

**12.2. Persistence and degradability**

Material	CAS No.	Test Type	Duration	Study Type	Test Result	Protocol
STODDARD SOLVENT	8052-41-3	Estimated Photolysis		Photolytic half-life (in air)	6.49 days (t 1/2)	Other methods
STODDARD SOLVENT	8052-41-3	Experimental Biodegradation	28 days	Carbon dioxide evolution	63 % weight	OECD 301B - Mod. Sturm or CO2
ORGANO COPPER COMPOUND	22221-10-9	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Carboxylic acids, C3-10, copper(1+) salts, oxidized	85737-14-0	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Neodecanoic acid, copper(2+) salt	68084-48-0	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
ISOPROPYL ALCOHOL	67-63-0	Experimental Biodegradation	14 days	Biological Oxygen Demand	86 % weight	OECD 301C - MITI (I)

**12.3. Bioaccumulative potential**

Material	CAS No.	Test Type	Duration	Study Type	Test Result	Protocol
STODDARD SOLVENT	8052-41-3	Experimental BCF - Other		Bioaccumulation Factor	1944	Other methods
ORGANO COPPER COMPOUND	22221-10-9	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Carboxylic acids, C3-10, copper(1+) salts, oxidized	85737-14-0	Data not available or insufficient for classification	N/A	N/A	N/A	N/A



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Neodecanoic acid, copper(2+) salt	68084-48-0	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
ISOPROPYL ALCOHOL	67-63-0	Experimental Bioconcentration		Log of Octanol/H <sub>2</sub> O part. coeff	0.05	Other methods

**12.4. Mobility in soil**

Please contact manufacturer for more details

**12.5. Results of the PBT and vPvB assessment**

No information available at this time, contact manufacturer for more details

**12.6. Other adverse effects**

No information available

**SECTION 13: Disposal considerations****13.1 Waste treatment methods**

Dispose of contents/ container in accordance with the local/regional/national/international regulations.

Incinerate in a permitted waste incineration facility. As a disposal alternative, utilize an acceptable permitted waste disposal facility. Empty drums/barrels/containers used for transporting and handling hazardous chemicals (chemical substances/mixtures/preparations classified as Hazardous as per applicable regulations) shall be considered, stored, treated & disposed of as hazardous wastes unless otherwise defined by applicable waste regulations. Consult with the respective regulating authorities to determine the available treatment and disposal facilities.

The coding of a waste stream is based on the application of the product by the consumer. Since this is out of the control of 3M, no waste code(s) for products after use will be provided. Please refer to the European Waste Code (EWC - 2000/532/CE and amendments) to assign the correct waste code to your waste stream. Ensure national and/or regional regulations are complied with and always use a licensed waste contractor

**EU waste code (product as sold)**

080409\* Waste adhesives and sealants containing organic solvents or other dangerous substances

**SECTION 14: Transportation information****SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****Global inventory status**

Contact 3M for more information. The components of this material are in compliance with the China "Measures on Environmental Management of New Chemical Substance". Certain restrictions may apply. Contact the selling division for additional information. The components of this material are in compliance with the provisions of the Korean Toxic Chemical Control Law. Certain restrictions may apply. Contact the selling division for additional information. The components of this material are in compliance with the provisions of Australia National Industrial Chemical Notification and Assessment Scheme (NICNAS). Certain restrictions may apply. Contact the selling division for additional information. The components of this material are in compliance with the provisions of Japan Chemical Substance Control Law. Certain restrictions may apply. Contact the selling division for additional information. The components of this material are in compliance with the provisions of Japan Industrial Safety and Health Law. Certain restrictions may apply. Contact the selling division for

additional information. The components of this material are in compliance with the provisions of Philippines RA 6969 requirements. Certain restrictions may apply. Contact the selling division for additional information. The components of this product are in compliance with the new substance notification requirements of CEPA. The components of this product are in compliance with the chemical notification requirements of TSCA.

#### **15.2. Chemical Safety Assessment**

Not applicable

### **SECTION 16: Other information**

#### **List of relevant H statements**

H225	Highly flammable liquid and vapor.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
H372	Causes damage to organs through prolonged or repeated exposure.
H373	May cause damage to organs through prolonged or repeated exposure.

#### **List of relevant R-phrases**

R11	Highly flammable.
R22	Harmful if swallowed.
R36	Irritating to eyes.
R38	Irritating to skin.
R48/20	Harmful: danger of serious damage to health by prolonged exposure through inhalation.
R65	Harmful: May cause lung damage if swallowed.
R67	Vapours may cause drowsiness and dizziness.

#### **Revision information:**

No revision information is available.

DISCLAIMER: The information on this Safety Data Sheet is based on our experience and is correct to the best of our knowledge at the date of publication, but we do not accept any liability for any loss, damage or injury resulting from its use (except as required by law). The information may not be valid for any use not referred to in this Data Sheet or use of the product in combination with other materials. For these reasons, it is important that customers carry out their own test to satisfy themselves as to the suitability of the product for their own intended applications.

**3M Greece SDSs are available at [www.3m.com/gr](http://www.3m.com/gr)**