

# Safety Data Sheet

According to GHS (Global Harmonized System) - Hazcom 2012

Date Printed (YYYY-MM-DD): 2016-04-20

## Section 1 - Product and Company Information

**Product Name:** Plastic Magic (aerosol)

**Product Part Number(s):**

**Recommended Use:** A surface modifier that eliminates the paint peeling problems on automotive plastics.

**Revision Date (YYYY-MM-DD):**

**COMPANY IDENTIFICATION:**

Polyvance

1128 Kirk Rd.

Rainsville, AL 35986

**Information Email:** [info@polyvance.com](mailto:info@polyvance.com)

**EMERGENCY TELEPHONE NUMBER**

**24 Hour Emergency Contact**

**Customer Information Number**

Chemtrec - 1-800-424-9300 (Outside USA  
703-527-3887)

256-638-4103 (7AM - 4PM (CST) M-F)

## Section 2 - Hazards Identification

**Appearance:** Aerosol



**Odor:** Characteristic

**Hazard Statement:**

DANGER! Flammable aerosol. Pressurized container: may burst if heated. Causes skin irritation. Causes eye irritation. Harmful if inhaled.

**Signal Word:** DANGER!

**Signal Word Hazard:** Extremely flammable liquid

GHS Physical Hazard Pictograms	GHS Health Hazard Pictograms	GHS Environmental Hazard Pictograms
 Flammable	 Irritant	<p>Not Applicable</p>

### GHS Hazards Statement Codes for This Product

Statement Type	Statement Code	Statement Text
Physical	H223	Flammable aerosol
Physical	H229	Pressurized container: may burst if heated
Health	H315	Causes skin irritation

Health	H320	Causes eye irritation
Health	H332	Harmful if inhaled

**Precautionary Statement:**

Keep out of reach of children. Read label before use. Keep away from heat/sparks/open flames/hot surfaces - No smoking. Pressurized container - Do not pierce or burn, even after use. Do not get in eyes, on skin, or on clothing. Protect from sunlight. Store in a well ventilated place.

**GHS Precautionary Statement Codes for This Product**

Statement Type	Statement Code	Statement Text
General	P102	Keep out of reach of children
General	P103	Read label before use
Prevention	P210	Keep away from heat/sparks/open flames/hot surfaces - No smoking
Prevention	P251	Pressurized container - Do not pierce or burn, even after use
Prevention	P262	Do not get in eyes, on skin, or on clothing
Storage	P410+403	Protect from sunlight. Store in a well ventilated place

**Potential Health Effects**

**Eye Contact:** Irritating to eyes

**Skin Contact:** Prolonged contact may cause slight irritation with local redness. May cause drying and flaking of the skin

**Inhalation:** Harmful by inhalation

**Section 3 - Composition/Information on Ingredients**

Component	CAS #	ENIECS	REACH Reg. No.	Amount
2-(propyloxy)ethanol	2807-30-9			<2.5%
2-Butanone	78-93-3			1-3%
2-methoxy-1-methylethyl acetate	108-65-6			<2.5%
Acetone	67-64-1			25-50%
Chlorinated Polyolefin	N/A			0-1%
Heptane	142-82-5			45-50%
Isobutane/propane aerosol propellant	68476-86-8			3-5%
Petroleum gases, liquified, sweetened	68476-86-8			25-50%
Vinyl Acetate Copolymer	24937-78-8			0 1 %
Xylene	1330-20-7			10-25%

**Section 4 - First Aid Measures**

**Eye Contact:** Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

**Skin Contact:** Immediately wash with water and soap and rinse thoroughly.

**Inhalation:** Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.

**Ingestion:** After swallowing: if symptoms persist consult doctor.

**Medical Conditions Aggravated by Exposure:** Bronchitis, CNS disorders, allergies, nausea.

## Section 5 - Firefighting Measures

**Extinguishing Media:** CO<sub>2</sub>, sand, extinguishing powder. Do not use water.

**Fire Fighting Procedures:** Water with full jet.

**Special Protective Equipment for Firefighters:** Mouth respiratory protective device.

## Section 6 - Accidental Release Measures

**Steps to be Taken if Material is Released or Spilled:** Dispose contaminated material as waste according to Section 13. Ensure adequate ventilation. Do not flush with water or aqueous cleansing agents.

**Personal Precautions:** Wear protective equipment. Keep unprotected persons away.

**Environmental Precautions:** Do not allow product to reach sewage system or any water course. Inform respective authorities in case of seepage into water course or sewage system. Do not allow to enter sewers/ surface or ground water.

## Section 7 - Handling and Storage

**General Handling:** Ensure good ventilation/exhaustion at the workplace. Open and handle receptacle with care.

**Other Precautions:** Do not spray on a naked flame or any incandescent material. Keep ignition sources away. Do not smoke. Protect against electrostatic charges. Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C, i.e. electric lights. Do not pierce or burn, even after use.

**Storage:** Store in a cool location. Observe official regulations on storing packagings with pressurized containers. Keep receptacle tightly sealed. Do not gas-tight seal receptacle. Store in cool, dry conditions in well sealed receptacles. Protect from heat and sunlight.

## Section 8 - Precautions to Control Exposure / Personal Protection

Component	Source	Type	Value	Remarks
2-Butanone	ACGIH	TLV	300 ppm	STEL
2-Butanone	ACGIH	TLV	200 ppm	TWA
2-Butanone	OSHA	PEL	200 ppm	TWA
Acetone	NIOSH	10H TWA	590 mg/m <sup>3</sup>	

Acetone	DFG MAK		1000 ppm	
Acetone	ACGIH	TLV	750 ppm	STEL
Acetone	ACGIH	TLV	500 ppm	TWA
Acetone	OSHA	PEL	1000 ppm	TWA
Heptane	ACGIH	TLV	500 ppm	STEL
Heptane	ACGIH	TLV	400 ppm	TWA
Heptane	OSHA	PEL	500 ppm	TWA
Petroleum gases, liquified, sweetened	OSHA	TLV (short term)	2950 mg/m3, 1000 ppm	
Xylene	ACGIH	TLV	150 ppm	STEL
Xylene	ACGIH	TLV	100 ppm	TWA
Xylene	OSHA	PEL	100 ppm	TWA

### Personal Protective Equipment (PPE):

**Eye/Face Protection:** Tightly sealed goggles.

**Skin Protection:** Protective gloves are usually adequate when product is used according to instructions. Wear chemical resistant clothing such as gloves, apron, boots or whole bodysuits made from neoprene, as appropriate

**Respiratory Protection:** In case of brief exposure or low pollution, use respiratory filter device. In case of intensive or longer exposure use, respiratory protective device that is independent of circulating air.

**Hygienic Measures:** Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work. Avoid contact with the eyes and skin.

**Engineering Controls:** Use exhaust ventilation to keep airborne concentration below exposure limits.



## Section 9 - Physical and Chemical Properties

<b>Appearance:</b>	Aerosol
<b>Color:</b>	Clear
<b>Odor:</b>	Characteristic
<b>ph:</b>	Not determined
<b>Flash Point:</b>	-19° C (-2° F)
<b>Upper Flammable Limit:</b>	1.1 Vol%
<b>Lower Flammable Limit:</b>	13.0 Vol%
<b>Autoignition Temperature:</b>	465° C (869° F)
<b>Vapor Pressure:</b>	233.0 hPa (175 mm Hg) at 20° C (68° F)
<b>Boiling Point:</b>	55°C (131° F)

<b>Vapor Density:</b>	Not available
<b>Specific Gravity:</b>	0.72 g/cm <sup>3</sup>
<b>Freezing Point:</b>	Not available
<b>Melting Point:</b>	Not available
<b>Solubility in Water:</b>	notmiscible or difficult to mix
<b>Evaporation Rate:</b>	Not available
<b>Partition Coefficient:</b>	Not available
<b>Decomposition Temperature:</b>	Not available
<b>Percent Volatiles:</b>	97%
<b>Volatile Organic Compounds (VOC):</b>	50.4% 410.4g/l (3.42 lb/gal)
<b>Visosity:</b>	Not available

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## Section 10 - Stability and Reactivity

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**Stability/Instability:** Not available

**Conditions To Avoid:** No decomposition if used according to specifications.

**Incompatible Materials:** Not available

**Hazardous Decomposition Products:** No dangerous decomposition products known

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## Section 11 - Toxicological Information

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### Acute Toxicity

#### Ingestion

LD50, Rat 4300 mg/kg (Xylene)

#### Skin Absorption

LD50, Rabbit 2000mg/kg (Xylene)

#### Inhalation

LD50, Rabbit 2000mg/kg (Xylene)

### Sensitization

No sensitizing effects known.

### Eye Irritation

Irritating effect

### Skin Irritation

Irritant to skin and mucous membranes.

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## Section 12 - Ecological Information

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**ECOTOXICITY**

Water hazard class 3: extremely hazardous for water. Do not allow product to reach ground water, water course or sewage system, even in small quantities.

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## Section 13 - Disposal Considerations

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**Disposal Method:**

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

**Container Disposal:** Disposal must be made according to official regulations.

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## Section 14 - Transport Information

**DOT**

**Proper Shipping Name:** Aerosols, flammable

**Hazard Class:** 2.1

**ID Number:** UN1950

**Packing Group:** II

**IMDG (Maritime transport)**

**IMDG Class:** 2.1

**UN Number:** UN1950

**Label:** 2.1

**EMS Number:** F-D,S-U

**Maritime Marine Pollutant:** No

**Proper Shipping Name:** Aerosols

**IATA (Air Transport)**

**ICAO/IATA Class:** 2.1

**UN/ID Number:** UN1950

**Label:** 2.1

**Proper Shipping Name:** Aerosols, flammable

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## Section 15 - Regulatory Information

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### Superfund Amendments and Reauthorization Act of 1986 (Emergency Planning and Community Right-to-Know Act of 1986) Sections 311 and 312

The following table list hazardous components and the regulatory lists for which they are required to be reported.

**Component:** Vinyl Acetate Copolymer  
**CAS Number:** 24937-78-8  
**Amount:**

**Component:** Acetone  
**CAS Number:** 67-64-1  
**Amount:** 25-50%

Acetone is listed with the Environmental Protection Agency (EPA) as a possible carcinogen.  
Acetone is listed with the American Conference on Governmental Industrial Hygienists (ACGIH) as a possible carcinogen.

**Component:** Heptane  
**CAS Number:** 142-82-5  
**Amount:** 45-50%

**Component:** 2-Butanone  
**CAS Number:** 78-93-3  
**Amount:** 1-3%

**Component:** Petroleum gases, liquified, sweetened  
**CAS Number:** 68476-86-8  
**Amount:** 25-50%

**Component:** Petroleum gases, liquified, sweetened  
**CAS Number:** 68476-86-8  
**Amount:** 25-50%

**Component:** 2-methoxy-1-methylethyl acetate  
**CAS Number:** 108-65-6  
**Amount:** <2.5%

**Component:** 2-(propyloxy)ethanol  
**CAS Number:** 2807-30-9  
**Amount:** <2.5%

**Component:** Chlorinated Polyolefin  
**CAS Number:** N/A  
**Amount:**

**Component:** Isobutane/propane aerosol propellant  
**CAS Number:** 68476-86-8  
**Amount:** 4.88%

**Component:** Xylene  
**CAS Number:** 1330-20-7  
**Amount:** 10-25%

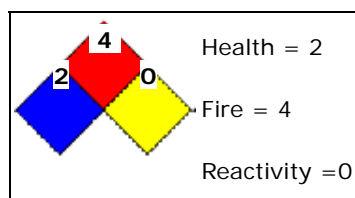
Xylene is listed in SARA 313  
Xylene is known to the State of California to cause cancer.

Xylene is listed with the Environmental Protection Agency (EPA) as a possible carcinogen.  
Xylene is listed with the International Agency for Research on Cancer (IARC) as a possible carcinogen.

### HMIS Rating (Scale 0 - 4)

<b>HEALTH</b>	<b>2</b>	Health = 2
<b>FIRE</b>	<b>4</b>	Fire = 4
<b>PHYSICAL</b>	<b>2</b>	Physical = 2
<b>PERSONAL PROTECTION</b>	<b>G</b>	Personal Protection = G

### NFPA Ratings



## Section 16 - Other Information

### Legend

ACGIH	American Conference of Governmental Hygienists
ACGIH	American Conference of Governmental Hygienists
CFR	Code of Federal Regulations
CFR	Code of Federal Regulations
DFG	Deutsche Forschungsgemeinschaft
DFG	Deutsche Forschungsgemeinschaft
HMIS	Hazardous Materials Identification System
HMIS	Hazardous Materials Identification System
IARC	International Agency for Research on Cancer
IARC	International Agency for Research on Cancer
MAK	Maximum Allowable Concentration (German)
MAK	Maximum Allowable Concentration (German)
MSDS	Material Safety Data Sheet
MSDS	Material Safety Data Sheet
NFPA	National Fire Protection Association
NFPA	National Fire Protection Association
NIOSH	National Institute for Occupational Safety and Health
NIOSH	National Institute for Occupational Safety and Health
NIOSH	National Institute for Occupational Safety and Health
OEL	Occupational Exposure Limit
RCRA	Resource Conservation and Recovery Act
STEL	Short Term Exposure Limit
STEL	Short Term Exposure Limit
TLV	Threshold Limit Value
TLV	Threshold Limit Value
TWA	Time Weighted Average
TWA	Time Weighted Average

### DISCLAIMER



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