Printing date 02/22/2016



Reviewed on 11/17/2015

1 Identification

- · Product identifier
- Trade name: <u>39853 Texture Coating</u>
- Article number: 39853
- · Application of the substance / the mixture Coating
- · Details of the supplier of the safety data sheet
- Manufacturer/Supplier: SEM Products Inc. 1685 Overview Drive Rock Hill, SC 29730 803 207 8225

· Information department:

cust_care@semproducts.com : SEM Products,Inc. 1685 Overview Dr. Rock Hill, SC 29730 : phone 1-800-831-1122, M - TH 7am - 4pm EDT

• Emergency telephone number: CHEMTREC 1-800-424-9300

2 Hazard(s) identification

· Classification of the substance or mixture

GHS02 GHS04 Flame, Gas cylinder

Flam. Aerosol 1 H222 Extremely flammable aerosol.

GHS04 Gas cylinder

Press. Gas H280 Contains gas under pressure; may explode if heated.

GHS08 Health hazard

•	
Carc. 1A	H350 May cause cancer.
Repr. 2	H361 Suspected of damaging fertility or the unborn child.
STOT SE 2	H371 May cause damage to organs.
STOT RE 2	H373 May cause damage to organs through prolonged or repeated exposure.
Asp. Tox. 1	H304 May be fatal if swallowed and enters airways.
Asp. Iox. I	H304 May be fatal if swallowed and enters airways.

GHS07

STOT SE 3	H336 May cause drowsiness or dizziness.
Eye Irrit. 2A	H319 Causes serious eye irritation.
Skin Irrit. 2	H315 Causes skin irritation.

· Label elements

• GHS label elements The product is classified and labeled according to the Globally Harmonized System (GHS). (Contd. on page 2)

USA





Reviewed on 11/17/2015

Trade name: 39853 Texture Coating

• Hazard pictogra	(Contd. of page 1)
JUL .	
GHS02 GHS	04 GHS07 GHS08
· Signal word Dat	nger
-	ning components of labeling:
Quartz (SiO2)	ling components of tabeting.
toluene	
Talc	
acetone	
· Hazard stateme	nts
H222 Extremely	flammable aerosol.
	gas under pressure; may explode if heated.
H315 Causes sk	in irritation.
H319 Causes set	rious eye irritation.
H350 May cause	
	of damaging fertility or the unborn child.
	e damage to organs.
	e drowsiness or dizziness.
	e damage to organs through prolonged or repeated exposure.
	tal if swallowed and enters airways.
• Precautionary s	
P210	Keep away from heat/sparks/open flames/hot surfaces. No smoking.
P251	Do not pierce or burn, even after use.
P260 P211	Do not breathe dust/fume/gas/mist/vapors/spray.
P280	Do not spray on an open flame or other ignition source. Wear protective gloves.
P280	Wear eye protection / face protection.
P264	Wash thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER/ doctor.
	38 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present
	and easy to do. Continue rinsing.
P321	Specific treatment (see on this label).
P308+P313	IF exposed or concerned: Get medical advice/attention.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P337+P313	If eye irritation persists: Get medical advice/attention.
P314	Get medical advice/attention if you feel unwell.
P331	Do NOT induce vomiting.
P302 + P352	IF ON SKIN: Wash with plenty of water.
P362+P364	Take off contaminated clothing and wash it before reuse.
P405	Store locked up. Protoct from surfight. Store in a well wentilgted place
P410+P403 P410+P412	Protect from sunlight. Store in a well-ventilated place. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.
P410+P412 P501	Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Dispose of contents/container in accordance with local/regional/national/international
1 501	regulations.
	(Contd. on page 3)
	-USA

Page 2/14

Printing date 02/22/2016

SEM

Page 3/14

Reviewed on 11/17/2015

Trade name: 39853 Texture Coating

· Classification system: · NFPA ratings (scale 0 - 4)	(Contd. of page 2)
Health = 1 Fire = 4 Reactivity = 3	
HMIS-ratings (scale 0 - 4)	
HEALTH1Health = $*1$ FIRE4Fire = 4REACTIVITY 3Reactivity = 3	
• Other hazards • Results of PBT and vPvB assessment • PBT: Not applicable.	

• **vPvB:** Not applicable.

3 Composition/information on ingredients

·	Chemical	characterization:	Mixtures
---	----------	-------------------	----------

· Description:

Mixture: consisting of the following components. Weight percentages

· Dangerous components:			
68476-86-8	Petroleum gases, liquefied, sweetened	13 - 30%	
108-88-3	toluene	13 - 30%	
14808-60-7	Quartz (SiO2)	13 - 30%	
67-64-1	acetone	10 -13%	
14807-96-6	Talc	7 - 10%	
78-93-3	butanone	5 - 7%	
108-65-6	2-methoxy-1-methylethyl acetate	1.5 - 5%	
1333-86-4	Carbon black	<u>≤1%</u>	

4 First-aid measures

· Description of first aid measures

- · General information: Immediately remove any clothing soiled by the product.
- After inhalation: In case of unconsciousness place patient stably in side position for transportation.
- After skin contact: Immediately wash with water and soap and rinse thoroughly.
- · After eye contact:
- Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- · After swallowing: If symptoms persist consult doctor.
- · Information for doctor:
- Most important symptoms and effects, both acute and delayed No further relevant information available.
- \cdot Indication of any immediate medical attention and special treatment needed
- No further relevant information available.

(Contd. on page 4)

USA

Printing date 02/22/2016



Page 4/14

Reviewed on 11/17/2015

Trade name: 39853 Texture Coating

(Contd. of page 3)

5 Fire-fighting measures

- · Extinguishing media
- Suitable extinguishing agents:
- CO2, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam. • Special hazards arising from the substance or mixture
- During heating or in case of fire poisonous gases are produced.
- · Advice for firefighters
- · Protective equipment: Mouth respiratory protective device.

6 Accidental release measures

- Personal precautions, protective equipment and emergency procedures Mount respiratory protective device.
- Wear protective equipment. Keep unprotected persons away.
- · Environmental precautions: Do not allow to enter sewers/ surface or ground water.
- Methods and material for containment and cleaning up: Dispose contaminated material as waste according to item 13. Ensure adequate ventilation.
- Reference to other sections
 See Section 7 for information on safe handling.
 See Section 8 for information on personal protection equipment.
 See Section 13 for disposal information.

7 Handling and storage

· Handling:

- · Precautions for safe handling
- No special measures required.
- Ensure good ventilation/exhaustion at the workplace.
- Open and handle receptacle with care.
- \cdot Information about protection against explosions and fires:
- Do not spray on a naked flame or any incandescent material.
- Keep ignition sources away Do not smoke.
- Keep respiratory protective device available.

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.

- · Conditions for safe storage, including any incompatibilities
- Storage:
- · Requirements to be met by storerooms and receptacles:
- Observe official regulations on storing packagings with pressurized containers.
- · Information about storage in one common storage facility: Not required.
- Further information about storage conditions: Keep receptacle tightly sealed.
- Specific end use(s) No further relevant information available.

8 Exposure controls/personal protection

• Additional information about design of technical systems: No further data; see item 7.

(Contd. on page 5)

USA



SEM Reviewed on 11/17/2015

		(Contd. of pag
	ol parameters	
-	Components with limit values that require monitoring at the workplace:	
	3-3 toluene	
PEL	Long-term value: 200 ppm Ceiling limit value: 300; 500* ppm *10-min peak per 8-hr shift	
REL	Short-term value: 560 mg/m³, 150 ppm Long-term value: 375 mg/m³, 100 ppm	
TLV	Long-term value: 75 mg/m³, 20 ppm BEI	
14808	-60-7 Quartz (SiO2)	
PEL	see Quartz listing	
REL	Long-term value: 0.05* mg/m³ *respirable dust; See Pocket Guide App. A	
TLV	Long-term value: 0.025* mg/m³ *as respirable fraction	
67-64-	1 acetone	
PEL	Long-term value: 2400 mg/m ³ , 1000 ppm	
REL	Long-term value: 590 mg/m³, 250 ppm	
TLV	Short-term value: 1187 mg/m³, 500 ppm Long-term value: 594 mg/m³, 250 ppm BEI	
78-93-	3 butanone	
PEL	Long-term value: 590 mg/m ³ , 200 ppm	
REL	Short-term value: 885 mg/m³, 300 ppm Long-term value: 590 mg/m³, 200 ppm	
TLV	Short-term value: 885 mg/m³, 300 ppm Long-term value: 590 mg/m³, 200 ppm BEI	
108-65	-6 2-methoxy-1-methylethyl acetate	
WEEL	Long-term value: 50 ppm	
67-56-	1 methanol	
PEL	Long-term value: 260 mg/m ³ , 200 ppm	
REL	Short-term value: 325 mg/m³, 250 ppm Long-term value: 260 mg/m³, 200 ppm Skin	
TLV	Short-term value: 328 mg/m ³ , 250 ppm Long-term value: 262 mg/m ³ , 200 ppm Skin; BEI	
		(Contd. on pag

Printing date 02/22/2016

Reviewed on 11/17/2015

SEM

Inar	(Contd. of page 5 redients with biological limit values:
-	-88-3 toluene
	0.02 mg/L
DLI	Medium: blood
	Time: prior to last shift of workweek
	Parameter: Toluene
	Turumeter. Totuene
	0.03 mg/L
	Medium: urine
	Time: end of shift
	Parameter: Toluene
	0.3 mg/g creatinine
	Medium: urine
	Time: end of shift
	Parameter: o-Cresol with hydrolysis (background)
67-6	44-1 acetone
	50 mg/L
DEI	Medium: urine
	Time: end of shift
70.0	Parameter: Acetone (nonspecific)
	03-3 butanone
BEI	2 mg/L
	Medium: urine
	Time: end of shift
	Parameter: MEK
	56-1 methanol
BEI	15 mg/L
	Medium: urine
	Time: end of shift
	Parameter: Methanol (background, nonspecific)
Add	itional information: The lists that were valid during the creation were used as basis.
Exp	osure controls
· Pers	sonal protective equipment:
	eral protective and hygienic measures:
	p away from foodstuffs, beverages and feed.
	nediately remove all soiled and contaminated clothing.
	h hands before breaks and at the end of work.
	e protective clothing separately.
	id contact with the eyes and skin.
	athing equipment:
	ase of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure us
resp	iratory protective device that is independent of circulating air.
	tection of hands:
	to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the nical mixture.
cnen	(Contd. on page 7
	(Conta. on page



SEM

Page 7/14

(Contd. of page 6)

Reviewed on 11/17/2015

Trade name: 39853 Texture Coating

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation Protective gloves The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. • Material of gloves The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application. • Penetration time of glove material

The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.

• Eye protection:

Safety glasses



Tightly sealed goggles

Information on basic physical and chemical properties		
General Information		
Appearance: Form:	A	
Form: Color:	Aerosol	
Odor:	According to product specification Characteristic	
Odor threshold:	Not determined.	
pH-value:	Not determined.	
Change in condition		
Melting point/Melting range:	Undetermined.	
Boiling point/Boiling range:	55 °C	
Flash point:	-103 °C	
Flammability (solid, gaseous):	Not applicable.	
Ignition temperature:	465 °C	
Decomposition temperature:	Not determined.	
Auto igniting:	Product is not selfigniting.	
Danger of explosion:	In use, may form flammable/explosive vapour-air mixture.	
Explosion limits:		
Lower:	1.2 Vol %	
Upper:	13.0 Vol %	
Vapor pressure at 20 °C:	233 hPa	
Density at 20 °C:	0.86707 g/cm ³	

USA -

Printing date 02/22/2016

Reviewed on 11/17/2015

Trade name: 39853 Texture Coating

		(Contd. of page
· Relative density	Not determined.	
· Vapor density	Not determined.	
· Evaporation rate	Not applicable.	
· Solubility in / Miscibility with		
Water:	Not miscible or difficult to mix.	
· Partition coefficient (n-octan	ol/water): Not determined.	
· Viscosity:		
Dynamic:	Not determined.	
Kinematic:	Not determined.	
· Solvent content:		
Organic solvents:	68.1 %	
VOC content:	57.1 %	
	563.3 g/l / 4.70 lb/gl	
Solids content:	31.6 %	
• Other information	No further relevant information available.	

10 Stability and reactivity

- *Reactivity* No further relevant information available.
- · Chemical stability
- Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
- · Possibility of hazardous reactions No dangerous reactions known.
- · Conditions to avoid No further relevant information available.
- · Incompatible materials: No further relevant information available.
- · Hazardous decomposition products: No dangerous decomposition products known.

11 Toxicological information

- · Information on toxicological effects
- Acute toxicity:

· LD/LC50 values that are relevant for classification:

108-88-3 toluene		
Oral	LD50	5000 mg/kg (rat)
	LD50	5000 mg/kg (rat) 12124 mg/kg (rabbit)
Inhalative	LC50/4 h	5320 mg/l (mouse)

· Primary irritant effect:

• on the skin: Irritant to skin and mucous membranes.

• on the eye: Irritating effect.

- · Sensitization: No sensitizing effects known.
- \cdot Additional toxicological information:

The product shows the following dangers according to internally approved calculation methods for preparations: Irritant

(Contd. on page 9)



Page 9/14

Reviewed on 11/17/2015

Printing date 02/22/2016

Trade name: 39853 Texture Coating

		(Contd. of page 8)
· Carcinogen	ic categories	
· IARC (Inter	rnational Agency for Research on Cancer)	
108-88-3	toluene	3
14808-60-7	Quartz (SiO2)	1
14807-96-6	Talc	2B
1333-86-4	Carbon black	2B
1330-20-7	xylene	3
111-76-2	2-butoxyethanol	3
100-41-4	ethylbenzene	2B
· NTP (Natio	nal Toxicology Program)	
14808-60-7	Quartz (SiO2)	K
· OSHA-Ca (Occupational Safety & Health Administration)	
68911-87-5	ALKYL QUATERNARY AMMONIUM MONTMORILLONITE	

12 Ecological information

· Toxicity

- · Aquatic toxicity: No further relevant information available.
- · Persistence and degradability No further relevant information available.
- · Behavior in environmental systems:
- · Bioaccumulative potential No further relevant information available.
- \cdot Mobility in soil No further relevant information available.
- Additional ecological information:
- · General notes:
- Water hazard class 3 (Self-assessment): extremely hazardous for water

Do not allow product to reach ground water, water course or sewage system, even in small quantities. Danger to drinking water if even extremely small quantities leak into the ground.

- · Results of PBT and vPvB assessment
- · *PBT:* Not applicable.
- · **vPvB:** Not applicable.
- · Other adverse effects No further relevant information available.

13 Disposal considerations

- · Waste treatment methods
- · Recommendation:

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

- · Uncleaned packagings:
- *Recommendation:* Disposal must be made according to official regulations.

14 Transport information

· UN-Number

· DOT, ADR, IMDG, IATA

UN1950

(Contd. on page 10)

USA



SEM Reviewed on 11/17/2015

Trade name: 39853 Texture Coating

UN monon chinning name	(Contd. of page
· UN proper shipping name · DOT, IATA	A margala flammahla
· DOI, IAIA · ADR	Aerosols, flammable 1950 Aerosols
· ADK · IMDG	AEROSOLS
	AEROSOLS
• Transport hazard class(es)	
- Class	2.1
- Class - Label	2.1 2.1
	2.1
ADR	
· Class	2 5F Gases
· Label	2.1
· Class · Label	2.1 2.1
· Packing group · DOT, ADR, IMDG, IATA	Void
Environmental hazards: Marine pollutant:	No
Special precautions for user	Warning: Gases
EMS Number:	F-D,S-U
Stowage Code	SW1 Protected from sources of heat. SW22 For AEROSOLS with a maximum capacity of 1 litre Category A. For AEROSOLS with a capacity above 1 litre Category B. For WASTE AEROSOLS: Category C, Clear of livin quarters.
Segregation Code	GG69 For AEROSOLS with a maximum capacity of 1 litre Segregation as for class 9. Stow "separated from" class 1 except for division 1.4. For AEROSOLS with a capacity above 1 litre Segregation as for the appropriate subdivision of class 2. For WASTE AEROSOLS: Segregation as for the appropriate subdivision of class 2.
	II of
Transport in bulk according to Annex MARPOL73/78 and the IBC Code	Not applicable.

Page 10/14



Page 11/14

Reviewed on 11/17/2015

Printing date 02/22/2016

		(Contd. of page 1
· Transport/Additional information:		
·DOT		
· Quantity limitations	On passenger aircraft/rail: 75 kg	
	On cargo aircraft only: 150 kg	
· ADR		
\cdot Excepted quantities (EQ)	Code: E0	
	Not permitted as Excepted Quantity	
· IMDG		
· Limited quantities (LQ)	1L	
Excepted quantities $(\widetilde{E}Q)$	Code: E0	
	Not permitted as Excepted Quantity	
· UN "Model Regulation":	UN 1950 AEROSOLS, 2.1	

15 Regulatory information

*

 \cdot Safety, health and environmental regulations/legislation specific for the substance or mixture \cdot Sara

· Section 355	· Section 355 (extremely hazardous substances):			
None of the	None of the ingredient is listed.			
· Section 313	(Specific toxic chemical listings):			
108-88-3	toluene			
	ACRYLIC RESIN			
14807-96-6	Talc			
78-93-3	butanone			
1330-20-7	xylene			
111-76-2	2-butoxyethanol			
67-56-1	methanol			
100-41-4	ethylbenzene			
· TSCA (Toxi	c Substances Control Act):			
68476-86-8	Petroleum gases, liquefied, sweetened			
108-88-3	toluene			
14808-60-7	Quartz (SiO2)			
67-64-1	acetone			
14807-96-6	Talc			
78-93-3	butanone			
108-65-6	2-methoxy-1-methylethyl acetate			
	benzyl 3-isobutryloxy-1-isopropyl-2-2-dimethylpropyl phthalate			
68911-87-5	ALKYL QUATERNARY AMMONIUM MONTMORILLONITE			
1333-86-4	Carbon black			
1330-20-7	xylene			
111-76-2	2-butoxyethanol			
	(Contd. on page 12) US/			



Page 12/14

USA

Reviewed on 11/17/2015

Printing date 02/22/2016

67-56-1	methanol	(Contd. of page
	ethylbenzene	
	propane-1,2-diol	
Proposition		
-	nown to cause cancer:	
	Quartz (SiO2)	
	Carbon black	
1330-20-7		
	ethylbenzene	
	nown to cause reproductive toxicity for females:	
108-88-3 to		
Chemicals k	nown to cause reproductive toxicity for males:	
	ngredients is listed.	
Chemicals k	nown to cause developmental toxicity:	
108-88-3 to	luene	
67-56-1 m	ethanol	
Cancerogen	ity categories	
EPA (Envir	onmental Protection Agency)	
108-88-3 t	oluene	L
67-64-1 a		Ι
78-93-3 l		I
1330-20-7 x		I
	2-butoxyethanol	Ν
100-41-4 e	thylbenzene	
TLV (Thres	hold Limit Value established by ACGIH)	
108-88-3	toluene	A
14808-60-7	Quartz (SiO2)	A
67-64-1	acetone	A
14807-96-6	Talc	A
1333-86-4	Carbon black	Α
1330-20-7	-	Α
	2-butoxyethanol	A
100-41-4	ethylbenzene	A
	National Institute for Occupational Safety and Health)	
	Quartz (SiO2)	
	Carbon black	
67-56-1	methanol	

Printing date 02/22/2016



Page 13/14

USA

Reviewed on 11/17/2015

• Hazard pictogr	(Contd. of page 12)
GHS02 GH	S04 GHS07 GHS08
· Signal word Da	anger
· Hazard-determ	ining components of labeling:
Quartz (SiO2)	and components of moving.
toluene	
Talc	
acetone	
· Hazard stateme	ents
	y flammable aerosol.
	gas under pressure; may explode if heated.
H315 Causes st	
H319 Causes se	erious eye irritation.
H350 May caus	se cancer.
H361 Suspected	d of damaging fertility or the unborn child.
H371 May caus	se damage to organs.
H336 May caus	se drowsiness or dizziness.
H373 May caus	se damage to organs through prolonged or repeated exposure.
H304 May be fe	atal if swallowed and enters airways.
· Precautionary	statements
P210	Keep away from heat/sparks/open flames/hot surfaces. No smoking.
P251	Do not pierce or burn, even after use.
P260	Do not breathe dust/fume/gas/mist/vapors/spray.
P211	Do not spray on an open flame or other ignition source.
P280	Wear protective gloves.
P280	Wear eye protection / face protection.
P264	Wash thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
<i>P301+P310</i>	IF SWALLOWED: Immediately call a POISON CENTER/ doctor.
P305+P351+P	338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present
D201	and easy to do. Continue rinsing.
P321	Specific treatment (see on this label).
P308+P313	IF exposed or concerned: Get medical advice/attention.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P337+P313 P314	If eye irritation persists: Get medical advice/attention.
	Get medical advice/attention if you feel unwell.
P331 P302+P352	Do NOT induce vomiting. IF ON SKIN: Wash with plenty of water.
P302+P352 P362+P364	Take off contaminated clothing and wash it before reuse.
P405	Store locked up.
P403 P410+P403	Store tocked up. Protect from sunlight. Store in a well-ventilated place.
P410+P403 P410+P412	Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.
P501	Dispose of contents/container in accordance with local/regional/national/international
1 501	regulations.
	(Contd. on page 14)

Printing date 02/22/2016



Page 14/14

Reviewed on 11/17/2015

Trade name: 39853 Texture Coating

(Contd. of page 13)

IS A

· National regulations:

- Additional classification according to Decree on Hazardous Materials: Carcinogenic hazardous material group III (dangerous).
- Information about limitation of use: Workers are not allowed to be exposed to the hazardous carcinogenic materials contained in this preparation. Exceptions can be made by the authorities in certain cases.
- · Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- · Department issuing SDS: Environment protection department.
- · Contact: Steve Gaver (sgaver@semproducts.com)
- Date of preparation / last revision 02/22/2016 / 7

· Abbreviations and acronyms: RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail) ICAO: International Civil Aviation Organisation ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road) IMDG: International Maritime Code for Dangerous Goods DOT: US Department of Transportation IATA: International Air Transport Association ACGIH: American Conference of Governmental Industrial Hygienists EINECS: European Inventory of Existing Commercial Chemical Substances ELINCS: European List of Notified Chemical Substances CAS: Chemical Abstracts Service (division of the American Chemical Society) NFPA: National Fire Protection Association (USA) HMIS: Hazardous Materials Identification System (USA) VOC: Volatile Organic Compounds (USA, EU) LC50: Lethal concentration, 50 percent LD50: Lethal dose, 50 percent PBT: Persistent, Bioaccumulative and Toxic vPvB: very Persistent and very Bioaccumulative NIOSH: National Institute for Occupational Safety OSHA: Occupational Safety & Health TLV: Threshold Limit Value PEL: Permissible Exposure Limit **REL:** Recommended Exposure Limit BEI: Biological Exposure Limit Flam. Aerosol 1: Flammable aerosols, Hazard Category 1 Press. Gas: Gases under pressure: Compressed gas Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2 Eye Irrit. 2A: Serious eye damage/eye irritation, Hazard Category 2A Carc. 1A: Carcinogenicity, Hazard Category 1A Repr. 2: Reproductive toxicity, Hazard Category 2 STOT SE 2: Specific target organ toxicity - Single exposure, Hazard Category 2 STOT RE 2: Specific target organ toxicity - Repeated exposure, Hazard Category 2 Asp. Tox. 1: Aspiration hazard, Hazard Category 1 • * Data compared to the previous version altered.