



Reviewed on 06/20/2017

## **1 Identification**

- · Product identifier
- Trade name: HR014 Hot Rod Black
- Article number: HR014
- · 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 Flame

Flam. Liq. 2 H225 Highly flammable liquid and vapor.

Eye Irrit. 2AH319Causes serious eye irritation.Skin Sens. 1H317May cause an allergic skin reaction.STOT SE 3H336May cause drowsiness or dizziness.

· Label elements

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

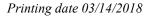
· Hazard pictograms



· Signal word Danger

Hazard-determining components of labeling: acetone
n-butyl acetate
bis(1,2,2,6,6-Pentamethyl-4-piperidinyl) sebacate
Methyl (1,2,2,6,6,- pentamethyl-4-piperidinyl) sebacate
Hazard statements
H225 Highly flammable liquid and vapor.
H319 Causes serious eye irritation.
H317 May cause an allergic skin reaction.

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	drowsiness or dizziness.
Precautionary sta	tements
P210	Keep away from heat/sparks/open flames/hot surfaces No smoking.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical/ventilating/lighting/equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P261	Avoid breathing dust/fume/gas/mist/vapors/spray
P264	Wash thoroughly after handling.
P271	Use only outdoors or in a well-ventilated area.
P272	Contaminated work clothing must not be allowed out of the workplace.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P303+P361+P35	3 If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/
	shower.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P33	8 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present
	and easy to do. Continue rinsing.
P312	Call a poison center/doctor if you feel unwell.
P321	Specific treatment (see on this label).
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P337+P313	<i>If eye irritation persists: Get medical advice/attention.</i>
P363	Wash contaminated clothing before reuse.
P370+P378	In case of fire: Use for extinction: CO2, powder or water spray.
P403+P233	Store in a well-ventilated place. Keep container tightly closed.
P403+P235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.
P501	Dispose of contents/container in accordance with local/regional/national/international
	regulations.
Classification syst	tem:
NFPA ratings (sc	ale 0 - 4)



· HMIS-ratings (scale 0 - 4)

HEALTH2Health = 2FIRE3Fire = 3REACTIVITY0Reactivity = 0

- 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* 

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		(Contd. of page 2)
· Dangerous c	omponents:	
67-64-1	acetone	13-30%
123-86-4	n-butyl acetate	13-30%
112926-00-8	precipitated Silica (Silica-Amorphous)	5-7%
110-43-0	heptan-2-one	5-7%
108-83-8	2,6-dimethylheptan-4-one	1.5-5%
1330-20-7	xylene	1.5-5%
14807-96-6	Talc	1.5-5%
19549-80-5	4,6-dimethylheptan-2-one	1.5-5%
1333-86-4	Carbon black	1-1.5%
	bis(1,2,2,6,6-Pentamethyl-4-piperidinyl) sebacate	<i>≥</i> 0.1-<1%
82919-37-7	Methyl (1,2,2,6,6,- pentamethyl-4-piperidinyl) sebacate	≥0.1-<1%

## 4 First-aid measures

#### · Description of first aid measures

• After inhalation:

Supply fresh air and to be sure call for a doctor.

- 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.
- · Indication of any immediate medical attention and special treatment needed

No further relevant information available.

## **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.
- · For safety reasons unsuitable extinguishing agents: Water with full jet
- Special hazards arising from the substance or mixture No further relevant information available.
- · Advice for firefighters
- · Protective equipment: No special measures required.

## 6 Accidental release measures

- Personal precautions, protective equipment and emergency procedures 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: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Ensure adequate ventilation.*

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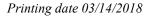
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Reference to	o other sections	(Contd. of pag
See Section	7 for information on safe handling.	
	8 for information on personal protection equipment. 13 for disposal information.	
	ction Criteria for Chemicals	
PAC-1:		
67-64-	l acetone	200 ppi
123-86-4	4 n-butyl acetate	5 ppm
112926-00-8	8 precipitated Silica (Silica-Amorphous)	18 mg/i
110-43-0	0 heptan-2-one	150 pp
108-83-8	8 2,6-dimethylheptan-4-one	75 ppm
1330-20-2	7 xylene	130 ррі
1333-86-4	4 Carbon black	9 mg/m
9002-88-4	4 Polyethylene low density	16 mg/r
25322-68-3	3 Polyethylene glycol	30 mg/1
78-83-	1 butanol	150 ppr
100-41-4	4 ethylbenzene	33 ppm
PAC-2:		
67-64-	1 acetone	3200* ppn
123-86-4	4 n-butyl acetate	200 ppm
112926-00-8	8 precipitated Silica (Silica-Amorphous)	200 mg/m <sup>3</sup>
110-43-0	0 heptan-2-one	670 ppm
108-83-8	8 2,6-dimethylheptan-4-one	330 ppm
1330-20-2	7 xylene	920* ppm
1333-86-4	4 Carbon black	99 mg/m <sup>3</sup>
9002-88-4	4 Polyethylene low density	170 mg/m <sup>3</sup>
25322-68-3	3 Polyethylene glycol	1,300 mg/r
78-83-	l butanol	1,300 ppm
100-41-4	4 ethylbenzene	1100* ppn
PAC-3:		· · · ·
67-64-	l acetone	5700* ppn
123-86-4	4 n-butyl acetate	3000* ppn
112926-00-8	8 precipitated Silica (Silica-Amorphous)	1,200 mg/r
110-43-0	0 heptan-2-one	4000* ppn
	8 2,6-dimethylheptan-4-one	2000* ppn
1330-20-2	7 xylene	2500* ppn
1333-86-4	4 Carbon black	590 mg/m <sup>3</sup>
9002-88-4	4 Polyethylene low density	1,000 mg/r
25322-68-3	3 Polyethylene glycol	7,700 mg/i
78-83-	1 butanol	8000* ppn
100-41-4	4 ethylbenzene	1800* ppm

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#### 7 Handling and storage

- · Handling:
- · Precautions for safe handling No special measures required.
- Information about protection against explosions and fires: Keep ignition sources away - Do not smoke. Protect against electrostatic charges.
- · Conditions for safe storage, including any incompatibilities
- · Storage:
- Requirements to be met by storerooms and receptacles: Store in a cool location.
- · Information about storage in one common storage facility: Not required.
- Further information about storage conditions: Keep receptacle tightly sealed. Store in cool, dry conditions in well sealed receptacles.
- 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.
- · Control parameters
- Components with limit values that require monitoring at the workplace:
- The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit.

At this time, the other constituents have no known exposure limits.

67-64	4-1 acetone
PEL	Long-term value: 2400 mg/m <sup>3</sup> , 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
123-8	86-4 n-butyl acetate
PEL	Long-term value: 710 mg/m³, 150 ppm
REL	Long-term value: 950 mg/m³, 200 ppm
TLV	Short-term value: 712 mg/m <sup>3</sup> , 150 ppm
1100	Long-term value: 238 mg/m <sup>3</sup> , 50 ppm
	26-00-8 precipitated Silica (Silica-Amorphous)
PEL	20mppcf or 80mg/m3 /%SiO2
REL	Long-term value: 6 mg/m <sup>3</sup>
	See Pocket Guide App. C
TLV	TLV withdrawn
110-4	43-0 heptan-2-one
PEL	Long-term value: 465 mg/m <sup>3</sup> , 100 ppm
REL	Long-term value: 465 mg/m³, 100 ppm
TLV	Long-term value: 233 mg/m³, 50 ppm
	(Contd. on page 6)

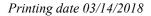


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	(Contd. of page 5)
	2-83-8 2,6-dimethylheptan-4-one
	L Long-term value: 290 mg/m <sup>3</sup> , 50 ppm
	L Long-term value: 150 mg/m <sup>3</sup> , 25 ppm
	V Long-term value: 145 mg/m <sup>3</sup> , 25 ppm
133	20-20-7 xylene
PE	L Long-term value: 435 mg/m <sup>3</sup> , 100 ppm
RE	L Short-term value: 655 mg/m <sup>3</sup> , 150 ppm Long-term value: 435 mg/m <sup>3</sup> , 100 ppm
TL	V Short-term value: 651 mg/m <sup>3</sup> , 150 ppm Long-term value: 434 mg/m <sup>3</sup> , 100 ppm BEI
133	3-86-4 Carbon black
PE	L Long-term value: 3.5 mg/m <sup>3</sup>
	L Long-term value: 3.5* mg/m <sup>3</sup>
	*0.1 in presence of PAHs;See Pocket Guide Apps.A+C
TL	V Long-term value: 3* mg/m <sup>3</sup>
	*inhalable fraction
· Ing	redients with biological limit values:
67-	64-1 acetone
BE	I 50 mg/L
	Medium: urine
	Time: end of shift
122	Parameter: Acetone (nonspecific) 0-20-7 xylene
	1 1.5 g/g creatinine
DL	Medium: urine
	Time: end of shift
	Parameter: Methylhippuric acids
·Add	<b>litional information:</b> The lists that were valid during the creation were used as basis.
· Exi	posure controls
	sonal protective equipment:
	neral protective and hygienic measures:
	ep away from foodstuffs, beverages and feed.
	nediately remove all soiled and contaminated clothing.
	sh hands before breaks and at the end of work.
	oid contact with the eyes.
	oid contact with the eyes and skin. Pathing equipment: Not required.
	tection of hands:
	e to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the
che	mical mixture.
Sel	ection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
ľ	Protective gloves
The	e glove material has to be impermeable and resistant to the product/ the substance/ the preparation. (Contd. on page 7)



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#### · Material of gloves

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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:



Tightly sealed goggles

## 9 Physical and chemical properties

Appearance:	
Form:	Liquid
Color:	According to product specification
Odor:	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:	-18 °C
Flammability (solid, gaseous):	Not applicable.
Ignition temperature:	370 °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 Vol %
Vapor pressure at 20 °C:	233 hPa
Density at 20 °C:	$0.97 \ g/cm^3$
Relative density	Not determined.
Vapor density	Not determined.
Evaporation rate	Not determined.
Solubility in / Miscibility with	
Water:	Not miscible or difficult to mix.



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		(Contd. of page
· Viscosity:		
Dynamic:	Not determined.	
Kinematic:	Not determined.	
· Solvent content:		
Organic solvents:	55.0 %	
VOC content:	27.94 %	
	405.6 g/l / 3.38 lb/gl	
Solids content:	44.6 %	
• 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

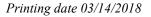
- · Information on toxicological effects
- Acute toxicity:
- · Primary irritant effect:
- on the skin: No irritant effect.
- on the eye: Irritating effect.
- Sensitization: Sensitization possible through skin contact.
- Additional toxicological information:

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

· Carcinogenic categories

· IARC (Inter	national Agency for Research on Cancer)	
1330-20-7	xylene	3
14807-96-6	Talc	3
1333-86-4	Carbon black	2B
9002-88-4	Polyethylene low density	3
100-41-4	ethylbenzene	2B
· NTP (Natio	nal Toxicology Program)	
None of the	ingredients is listed.	
· OSHA-Ca (	Occupational Safety & Health Administration)	
None of the	ingredients is listed.	
		US

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## **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.
- *Mobility in soil* No further relevant information available.
- Additional ecological information:

• General notes:

Water hazard class 1 (Self-assessment): slightly hazardous for water

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

- · 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.

· UN-Number		
DOT, ADR, IMDG, IATA	UN1263	
UN proper shipping name		
DOT	Paint	
ADR	1263 Paint, special provision 640D	
· IMDG, IATA	PAINT	
Transport hazard class(es)		
DOT		
8		
R MARKER 10000		
V		
· Class	3 Flammable liquids	
· Label	3	



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ADR, IMDG, IATA	
Class	3 Flammable liquids
· Label	3
Packing group	
DOT, ADR, IMDG, IATA	II
Environmental hazards:	
Marine pollutant:	No
Special precautions for user	Warning: Flammable liquids
EMS Number:	<i>F-E,<u>S-E</u></i>
Stowage Category	В
Transport in bulk according to Annex A MARPOL73/78 and the IBC Code	II of Not applicable.
Transport/Additional information:	
DOT	
Quantity limitations	On passenger aircraft/rail: 5 L
	On cargo aircraft only: 60 L
ADR	
Excepted quantities (EQ)	Code: E2
	Maximum net quantity per inner packaging: 30 ml
	Maximum net quantity per outer packaging: 500 ml
IMDG	
Limited quantities (LQ)	5L Code: E2
$\cdot$ Excepted quantities (EQ)	Code: E2 Maximum net quantity per inner packaging: 30 ml
	Maximum net quantity per unter packaging: 50 ml Maximum net quantity per outer packaging: 500 ml
UN ''Model Regulation'':	UN 1263 PAINT, SPECIAL PROVISION 640D, 3, II

# **15 Regulatory information**

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

Section 355 (extremely hazardous substances):
 None of the ingredient is listed.
 Section 313 (Specific toxic chemical listings):
 Acrylic Resin
 1330-20-7 xylene

14807-96-6 Talc

100-41-4 ethylbenzene

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TSCA (Toxic	(Contd. of pag Substances Control Act):	
67-64-1		
	n-butyl acetate	
	Cellulose Acetate Butyrate	
	heptan-2-one	
	2,6-dimethylheptan-4-one	
1330-20-7		
14807-96-6		
	4,6-dimethylheptan-2-one	
	Carbon black	
	bis(1,2,2,6,6-Pentamethyl-4-piperidinyl) sebacate	
	Polyethylene low density	
	<i>poly(oxy-1,2-ethanediyl), α-[3-[3-(2H-benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxypheny</i> <i>1-oxopropyl]-ω-hydroxy-</i>	
	$poly(oxy-1,2-ethanediyl), \alpha-[3-[3-(2H-benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxypheny 1-oxopropyl]-\omega-[3-[3-(2H-benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxyphenyl]-oxopropoxy]-$	
	Methyl (1,2,2,6,6,- pentamethyl-4-piperidinyl) sebacate	
	Polyethylene glycol	
9038-95-3	OXIRANE, ME, POLYMER	
106-79-6	Dimethyl sebacate(Impurity)	
78-83-1	butanol	
100-41-4	ethylbenzene	
2403-89-6	4-Piperidinol, 1,2,2,6,6 pentamethyl- (Impurity)	
TSCA new (2	1st Century Act) (Substances not listed)	
112926-00-8	precipitated Silica (Silica-Amorphous)	
Proposition 6	5	
Chemicals kn	nown to cause cancer:	
1330-20-7 ху	lene	
1333-86-4 C	arbon black	
100-41-4 et	hylbenzene	
Chemicals kn	nown to cause reproductive toxicity for females:	
	ngredients is listed.	
Chemicals kn	nown to cause reproductive toxicity for males:	
	ngredients is listed.	
Chemicals kn	nown to cause developmental toxicity:	
	igredients is listed.	
Cancerogenia	-	
-	nmental Protection Agency)	
67-64-1 ac		
1330-20-7 xy		
100-41-4 et		
	(Contd. on pag	



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67-64-1 1330-20-7		-
14807-96-6	•	-
	Carbon black	
	ethylbenzene (National Institute for Occupational Safety and Health)	
1333-86-4	Carbon black <b>lements</b> The product is classified and labeled according to	the Globally Harmonized System (GHS

· Signal word Danger

	ing components of labeling:	
acetone		
n-butyl acetate		
bis(1,2,2,6,6-Pentamethyl-4-piperidinyl) sebacate		
Methyl (1,2,2,6,6,- pentamethyl-4-piperidinyl) sebacate		
· Hazard statements		
H225 Highly flammable liquid and vapor.		
H319 Causes serious eye irritation.		
H317 May cause an allergic skin reaction.		
H336 May cause drowsiness or dizziness.		
· Precautionary statements		
P210	Keep away from heat/sparks/open flames/hot surfaces No smoking.	
P240	Ground/bond container and receiving equipment.	
P241	Use explosion-proof electrical/ventilating/lighting/equipment.	
P242	Use only non-sparking tools.	
P243	Take precautionary measures against static discharge.	
P261	Avoid breathing dust/fume/gas/mist/vapors/spray	
P264	Wash thoroughly after handling.	
P271	Use only outdoors or in a well-ventilated area.	
P272	Contaminated work clothing must not be allowed out of the workplace.	
P280	Wear protective gloves/protective clothing/eye protection/face protection.	
P303+P361+P353 If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/		
	shower.	
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.	
P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present		
	and easy to do. Continue rinsing.	
P312	Call a poison center/doctor if you feel unwell.	
P321	Specific treatment (see on this label).	
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.	
P337+P313	If eye irritation persists: Get medical advice/attention.	
P363	Wash contaminated clothing before reuse.	
P370+P378	In case of fire: Use for extinction: CO2, powder or water spray.	
P403+P233	Store in a well-ventilated place. Keep container tightly closed.	
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D 402 + D225	(Contd. of page 12)	
P403+P235	Store in a well-ventilated place. Keep cool.	
P405	Store locked up.	
P501	Dispose of contents/container in accordance with local/regional/national/international	
	regulations.	
· Chemical safety	assessment: A Chemical Safety Assessment has not been carried out.	
16 Other inform	ation	
	n is based on our present knowledge. However, this shall not constitute a guarantee for any features and shall not establish a legally valid contractual relationship.	
· Department issu	<b>uing SDS:</b> Environment protection department.	
• Contact: Rita Jo	iner (rjoiner@semproducts.com)	
• Date of prepara	tion / last revision 03/14/2018 / 7	
· Abbreviations a		
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)		
	Interials Identification System (USA)	
VOC: Volatile Organic Compounds (USA, EU)		
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. Liq. 2: Flammable liquids – Category 2		
Eye Irrit. 2A: Serious eye damage/eye irritation – Category 2A Skin Song L: Skin constitution – Category 1		
Skin Sens. 1: Skin sensitisation – Category 1 STOT SE 3: Specific target organ toxicity (single exposure) – Category 3		
• * Data compared to the previous version altered.		
	u to the previous version unered.	

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