



Printing date 05/06/2019

Reviewed on 05/06/2019

1 Identification

- · Product identifier CLEARS
- · Trade name: C010HS 2K CLEAR TOP COAT
- · Article number: C010HS
- · Application of the substance / the mixture refer to the relevant Technical Data Sheet
- · Details of the supplier of the safety data sheet
- · Manufacturer/Supplier:

General Paint Co. SAL

P.O. Box 7623

Beirut

LEBANON

info@hymax.biz

- · Information department: Product Safety Department
- · Emergency telephone number: During normal opening times:1-800-535-5053

2 Hazard(s) identification

· Classification of the substance or mixture



GHS02 Flame

Flam. Liq. 3 H226 Flammable liquid and vapor.



GHS07

Skin Sens. 1 H317 May cause an allergic skin reaction. STOT SE 3 H336 May cause drowsiness or dizziness.

- · Label elements
- · GHS label elements

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

· Hazard pictograms





GHS02 GHS07

- · Signal word Warning
- · Hazard-determining components of labeling: n-butyl acetate

(Contd. on page 2)





Printing date 05/06/2019 Reviewed on 05/06/2019

Trade name: C010HS 2K CLEAR TOP COAT

(Contd. of page 1)

methyl methacrylate

2,3-epoxypropyl neodecanoate

bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate

s-3-(3-(2h-benzotriazol-2-yl)-5-t-butyl-4-hydroxyphenyl)propionol-ohydroxypoly(oxyethylene);a-3-(3-(2h-benzotriazol-2-yl)-5-t-butyl-4-hydroxyphenyl)propionol-ohydroxypoly(oxyethylene);a-3-(3-(2h-benzotriazol-2-yl)-5-t-butyl-4-hydroxyphenyl)propionol-ohydroxypoly(oxyethylene);a-3-(3-(2h-benzotriazol-2-yl)-5-t-butyl-4-hydroxyphenyl)propionol-ohydroxypoly(oxyethylene);a-3-(3-(2h-benzotriazol-2-yl)-5-t-butyl-4-hydroxyphenyl)propionol-ohydroxypoly(oxyethylene);a-3-(3-(2h-benzotriazol-2-yl)-5-t-butyl-4-hydroxyphenyl)propionol-ohydroxypoly(oxyethylene);a-3-(3-(2h-benzotriazol-2-yl)-5-t-butyl-4-hydroxyphenyl)propionol-ohydroxypoly(oxyethylene);a-3-(3-(2h-benzotriazol-2-yl)-5-t-butyl-4-hydroxyphenyl)propionol-ohydroxypoly(oxyethylene);a-3-(3-(2h-benzotriazol-2-yl)-5-t-butyl-4-hydroxyphenyl)propionol-ohydroxypoly(oxyethylene);a-3-(3-(2h-benzotriazol-2-yl)-5-t-butyl-4-hydroxyphenyl)propionol-ohydroxypoly(oxyethylene);a-3-(3-(2h-benzotriazol-2-yl)-5-t-butyl-4-hydroxyphenyl)propionol-ohydroxypoly(oxyethylene);a-3-(3-(2h-benzotriazol-2-yl)-6-(2

2-hydroxyethyl methacrylate

· Hazard statements

Flammable liquid and vapor.

May cause an allergic skin reaction.

May cause drowsiness or dizziness.

· Precautionary statements

Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

Ground/bond container and receiving equipment.

Use explosion-proof electrical/ventilating/lighting/equipment.

Use only non-sparking tools.

Take precautionary measures against static discharge.

Avoid breathing dust/fume/gas/mist/vapors/spray

Use only outdoors or in a well-ventilated area.

Contaminated work clothing must not be allowed out of the workplace.

Wear protective gloves/protective clothing/eye protection/face protection.

If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

Call a poison center/doctor if you feel unwell.

Specific treatment (see on this label).

If skin irritation or rash occurs: Get medical advice/attention.

Wash contaminated clothing before reuse.

In case of fire: Use for extinction: CO2, powder or water spray.

Store in a well-ventilated place. Keep container tightly closed.

Store in a well-ventilated place. Keep cool.

Store locked up.

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

· Classification system:

NFPA ratings (scale 0 - 4)



Health = 0 Fire = 3Reactivity = 0

· HMIS-ratings (scale 0 - 4)



Health = 0 Fire = 3 Reactivity = 0

(Contd. on page 3)



Page 3/15

Safety Data Sheet acc. to OSHA HCS

Printing date 05/06/2019 Reviewed on 05/06/2019

Trade name: C010HS 2K CLEAR TOP COAT

(Contd. of page 2)

- · Other hazards
- · Results of PBT and vPvB assessment
- · PBT: Not applicable.
- · vPvB: Not applicable.

3 Composition/information on ingredients

- · Chemical characterization: Mixtures
- · Description: Mixture of the substances listed below with nonhazardous additions.

· Dangerous o	components:	
123-86-4	n-butyl acetate	>25- <i>≤</i> 50%
108-65-6	2-methoxy-1-methylethyl acetate	>2.5-≤10%
1330-20-7	xylene	>2.5-≤10%
64742-95-6	Solvent naphtha (petroleum), light arom.	>2.5-≤10%
	methyl methacrylate	<i>≤</i> 2.5%
26761-45-5	2,3-epoxypropyl neodecanoate	<i>≤</i> 2.5%
41556-26-7	bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate	<i>≤</i> 2.5%
	s-3-(3-(2h-benzotriazol-2-yl)-5-t-butyl-4-hydroxyphenyl)propionol-ohydroxypoly(oxyethylene);a-3-(3-(2h-	<i>≤</i> 2.5%
868-77-9	2-hydroxyethyl methacrylate	<i>≤</i> 2.5%

4 First-aid measures

- · Description of first aid measures
- General information: Immediately remove any clothing soiled by the product.
- · 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.
- · 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.

US





Printing date 05/06/2019 Reviewed on 05/06/2019

Trade name: C010HS 2K CLEAR TOP COAT

(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.
- · 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).

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.

Protective Action Criteria for Chemicals

PAC-1:	
123-86-4 n-butyl acetate	5 ppm
108-65-6 2-methoxy-1-methylethyl acetate	50 ppm
1330-20-7 xylene	130 ppm
80-62-6 methyl methacrylate	17 ppm
868-77-9 2-hydroxyethyl methacrylate	1.9 mg/m
79-41-4 methacrylic acid	6.7 ppm
78-83-1 butanol	150 ppm
77-58-7 dibutyltin dilaurate	1.1 mg/m
556-67-2 octamethylcyclotetrasiloxane	30 ppm
100-41-4 ethylbenzene	33 ppm
107-98-2 1-methoxy-2-propanol	100 ppm
· PAC-2:	
123-86-4 n-butyl acetate	200 ppm
108-65-6 2-methoxy-1-methylethyl acetate	1,000 ppn
<u>'</u>	(Contd. on page

US





Printing date 05/06/2019 Reviewed on 05/06/2019

Trade name: C010HS 2K CLEAR TOP COAT

1330-20-7	vulana	(Contd. of page 920* ppm
	methyl methacrylate	120 ppm
	2-hydroxyethyl methacrylate	21 mg/m³
79-41-4	methacrylic acid	61 ppm
78-83-1	butanol	1,300 ppm
77-58-7	dibutyltin dilaurate	8 mg/m³
556-67-2	octamethylcyclotetrasiloxane	68 ppm
	ethylbenzene	1100* ppn
107-98-2	1-methoxy-2-propanol	160 ppm
· PAC-3:		
123-86-4	n-butyl acetate	3000* ppm
108-65-6	2-methoxy-1-methylethyl acetate	5000* ppm
1330-20-7	xylene	2500* ppm
80-62-6	methyl methacrylate	570 ppm
868-77-9	2-hydroxyethyl methacrylate	1,000 mg/m
79-41-4	methacrylic acid	220 ppm
78-83-1	butanol	8000* ppm
77-58-7	dibutyltin dilaurate	48 mg/m³
556-67-2	octamethylcyclotetrasiloxane	130 ppm
100-41-4	ethylbenzene	1800* ppm
107-08-2	1-methoxy-2-propanol	660 ppm

7 Handling and storage

- · Handling:
- Precautions for safe handling

Ensure good ventilation/exhaustion at the workplace.

Prevent formation of aerosols.

· 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: No special requirements.
- · Information about storage in one common storage facility: Not required.
- · Further information about storage conditions: Keep receptacle tightly sealed.
- Storage class: 3

(Contd. on page 6)





Printing date 05/06/2019 Reviewed on 05/06/2019

Trade name: C010HS 2K CLEAR TOP COAT

(Contd. of page 5)

· **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.

123-86	6-4 n-butyl acetate
PEL	Long-term value: 710 mg/m³, 150 ppm
REL	Short-term value: 950 mg/m³, 200 ppm Long-term value: 710 mg/m³, 150 ppm
TLV	Short-term value: 712 mg/m³, 150 ppm Long-term value: 238 mg/m³, 50 ppm
108-65	-6 2-methoxy-1-methylethyl acetate
WEEL	Long-term value: 50 ppm
1330-2	0-7 xylene
PEL	Long-term value: 435 mg/m³, 100 ppm
REL	Short-term value: 655 mg/m³, 150 ppm Long-term value: 435 mg/m³, 100 ppm
TLV	Short-term value: 651 mg/m³, 150 ppm Long-term value: 434 mg/m³, 100 ppm BEI
80-62-	6 methyl methacrylate
PEL	Long-term value: 410 mg/m³, 100 ppm
REL	Long-term value: 410 mg/m³, 100 ppm
TLV	Short-term value: 410 mg/m³, 100 ppm Long-term value: 205 mg/m³, 50 ppm DSEN
· Ingred	lients with biological limit values:

\cdot Ingredients with biological limit values:

1330-20-7 xylene

BEI 1.5 g/g creatinine Medium: urine Time: end of shift

Parameter: Methylhippuric acids

· Additional information: The lists that were valid during the creation were used as basis.

(Contd. on page 7)





Printing date 05/06/2019 Reviewed on 05/06/2019

Trade name: C010HS 2K CLEAR TOP COAT

(Contd. of page 6)

- · Exposure controls
- · Personal protective equipment:
- · General protective and hygienic measures:

Immediately remove all soiled and contaminated clothing.

Wash hands before breaks and at the end of work.

· Breathing equipment:

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.

· Protection of hands:



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

· 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 through 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

- · Information on basic physical and chemical properties
- · General Information
- · Appearance:

Form: Liquid Color: Clear

· Odor: Characteristic

(Contd. on page 8)





Printing date 05/06/2019 Reviewed on 05/06/2019

Trade name: C010HS 2K CLEAR TOP COAT

	(Contd. of page
Odor threshold:	Not determined.
pH-value:	Not determined.
Change in condition	
Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	124 °C (255.2 °F)
Flash point:	25 °C (77 °F)
Flammability (solid, gaseous):	Not applicable.
Ignition temperature:	315 °C (599 °F)
Decomposition temperature:	Not determined.
Auto igniting:	Product is not selfigniting.
Danger of explosion:	Product is not explosive. However, formation of explosive a vapor mixtures are possible.
Explosion limits:	
Lower:	1.2 Vol %
Upper:	7.5 Vol %
Vapor pressure at 20 °C (68 °F):	10.7 hPa (8 mm Hg)
Density at 20 °C (68 °F):	1.01274 g/cm³ (8.45132 lbs/gal)
Relative density	Not determined.
Vapor density	Not determined.
Evaporation rate	Not determined.
Solubility in / Miscibility with	Al a de la lace de la companya de la
Water:	Not miscible or difficult to mix.
Partition coefficient (n-octanol/wat	er): Not determined.
Viscosity:	
Dynamic:	Not determined.
Kinematic:	Not determined.
Solvent content:	
Organic solvents:	45.5 %
Coating VOC content:	45.52 %
Matarial VOC contents	461.0 g/l / 3.85 lb/gal
Material VOC content:	461.0 g/l / 3.85 lb/gal
Solids content:	53.1 %
Other information	No further relevant information available.





Printing date 05/06/2019 Reviewed on 05/06/2019

Trade name: C010HS 2K CLEAR TOP COAT

(Contd. of page 8)

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 tha	t are relevant for classification:
1330-20-7	xylene	
Oral	LD50	4,300 mg/kg (rat)
Dermal	LD50	2,000 mg/kg (rabbit)
64742-95-	6 Solvent	naphtha (petroleum), light arom.
Oral	LD50	>6,800 mg/kg (rat)
Dermal	LD50	>3,400 mg/kg (rab)
	LC50/4 h	>10.2 mg/l (rat)

- · Primary irritant effect:
- · on the skin: No irritant effect.
- · on the eye: No 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 (Inte	rnational Agency for Research on Cancer)	
1330-20-7	xylene	3
80-62-6	methyl methacrylate	3
100-41-4	ethylbenzene	2B

· NTP (National Toxicology Program)

None of the ingredients is listed.

(Contd. on page 10)





Printing date 05/06/2019 Reviewed on 05/06/2019

Trade name: C010HS 2K CLEAR TOP COAT

(Contd. of page 9)

· OSHA-Ca (Occupational Safety & Health Administration)

None of the ingredients is listed.

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 2 (Self-assessment): hazardous for water

Do not allow product to reach ground water, water course or sewage system.

Danger to drinking water if even 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.

4 Transport information		
· UN-Number · DOT, ADR, IMDG, IATA	UN1263	
· UN proper shipping name		
· DOT	Paint	
· ADR	1263 PAINT	
· IMDG, IATA	PAINT	

(Contd. on page 11)





Printing date 05/06/2019 Reviewed on 05/06/2019

Trade name: C010HS 2K CLEAR TOP COAT

(Contd. of page 10) · Transport hazard class(es) · DOT · Class 3 Flammable liquids · Label · ADR, IMDG, IATA 3 Flammable liquids · Class · Label 3 · Packing group · DOT, ADR, IMDG, IATA III· Environmental hazards: · Marine pollutant: No Warning: Flammable liquids · Special precautions for user · Danger code (Kemler): · EMS Number: F-E,S-E · Stowage Category Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code Not applicable. · Transport/Additional information: · DOT · Quantity limitations On passenger aircraft/rail: 60 L On cargo aircraft only: 220 L · ADR · Excepted quantities (EQ) Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml · IMDG 5L · Limited quantities (LQ)

(Contd. on page 12)





Printing date 05/06/2019 Reviewed on 05/06/2019

Trade name: C010HS 2K CLEAR TOP COAT

(Contd. of page 11)

	(Conta. or page 11
· Excepted quantities (EQ)	Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
· UN "Model Regulation":	UN 1263 PAINT, 3, III

15 Regulatory information

· Safety, health and environmental regulations/legislation specific for the substance or mixture

•	Sara
---	------

	ingredients is listed.	
	(Specific toxic chemical listings):	
1330-20-7 x	ylene	
80-62-6 n	nethyl methacrylate	
100-41-4 e	thylbenzene	
TSCA (Toxio	Substances Control Act):	
123-86-4	n-butyl acetate	ACTIV
108-65-6	2-methoxy-1-methylethyl acetate	ACTIV
1330-20-7	xylene	ACT/\
80-62-6	methyl methacrylate	ACTI
26761-45-5	2,3-epoxypropyl neodecanoate	ACTI
41556-26-7	bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate	ACTI
104810-47-1	s-3-(3-(2h-benzotriazol-2-yl)-5-t-butyl-4-hydroxyphenyl)propionol-ohydroxypoly(oxyethylene);a-3-(3-(2h-	ACTIV
868-77-9	2-hydroxyethyl methacrylate	ACTI
79-41-4	methacrylic acid	ACTI
82919-37-7	methyl 1,2,2,6,66prntamethyl-4-piperidyl sebacate	ACTI
78-83-1	butanol	ACTI
77-58-7	dibutyltin dilaurate	ACTI
556-67-2	octamethylcyclotetrasiloxane	ACTI
100-41-4	ethylbenzene	ACTI
107-98-2	1-methoxy-2-propanol	ACTI
Hazardous /	Air Pollutants	
1330-20-7 x	vlene	





Printing date 05/06/2019 Reviewed on 05/06/2019

Trade name: C010HS 2K CLEAR TOP COAT

(Contd. of page 12)

100-41-4 ethylbenzene

- · Proposition 65
- · Chemicals known to cause cancer:

100-41-4 ethylbenzene

· Chemicals known to cause reproductive toxicity for females:

None of the ingredients is listed.

· Chemicals known to cause reproductive toxicity for males:

None of the ingredients is listed.

· Chemicals known to cause developmental toxicity:

None of the ingredients is listed.

· Carcinogenic categories

1
E, NL
D

· TLV (Threshold Limit Value established by ACGIH)

TEV (Threshold Limit Value established by Addit)		
1330-20-7	xylene	A4
80-62-6	methyl methacrylate	A4
77-58-7	dibutyltin dilaurate	A4
100-41-4	ethylbenzene	<i>A</i> 3

· NIOSH-Ca (National Institute for Occupational Safety and Health)

None of the ingredients is listed.

· GHS label elements

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

Hazard pictograms





GHS02 GHS07

- · Signal word Warning
- · Hazard-determining components of labeling:

n-butyl acetate methyl methacrylate 2,3-epoxypropyl neodecanoate bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate

(Contd. on page 14)



Page 14/15

Safety Data Sheet acc. to OSHA HCS

Printing date 05/06/2019 Reviewed on 05/06/2019

Trade name: C010HS 2K CLEAR TOP COAT

(Contd. of page 13)

s-3-(3-(2h-benzotriazol-2-yl)-5-t-butyl-4-hydroxyphenyl)propionol-ohydroxypoly(oxyethylene);a-3-(3-

2-hydroxyethyl methacrylate

· Hazard statements

Flammable liquid and vapor.

May cause an allergic skin reaction.

May cause drowsiness or dizziness.

· Precautionary statements

Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

Ground/bond container and receiving equipment.

Use explosion-proof electrical/ventilating/lighting/equipment.

Use only non-sparking tools.

Take precautionary measures against static discharge.

Avoid breathing dust/fume/gas/mist/vapors/spray

Use only outdoors or in a well-ventilated area.

Contaminated work clothing must not be allowed out of the workplace.

Wear protective gloves/protective clothing/eye protection/face protection.

If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

Call a poison center/doctor if you feel unwell.

Specific treatment (see on this label).

If skin irritation or rash occurs: Get medical advice/attention.

Wash contaminated clothing before reuse.

In case of fire: Use for extinction: CO2, powder or water spray. Store in a well-ventilated place. Keep container tightly closed.

Store in a well-ventilated place. Keep cool.

Store locked up.

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

· Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

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: Product safety department
- · Contact: N/A
- · Date of preparation / last revision 05/06/2019 / -

· Abbreviations and acronyms:

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

(Contd. on page 15)



Page 15/15

Safety Data Sheet acc. to OSHA HCS

Printing date 05/06/2019 Reviewed on 05/06/2019

Trade name: C010HS 2K CLEAR TOP COAT

(Contd. of page 14)

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. Liq. 3: Flammable liquids - Category 3

Skin Sens. 1: Skin sensitisation – Category 1 STOT SE 3: Specific target organ toxicity (single exposure) – Category 3