

Page 1/15

Safety Data Sheet

acc. to OSHA HCS

Printing date 01/21/2025

Reviewed on 01/21/2025

1 Identification

· Product identifier

- Trade name: <u>T920 2K METALLIC BASE COARSE</u>
- · Article number: T920
- · 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: 1-800-535-5053 contract number (89244)

2 Hazard(s) identification

· Classification of the substance or mixture GHS02 Flame Flammable Liquids 3 H226 Flammable liquid and vapor. GHS08 Health hazard Carcinogenicity 2 H351 Suspected of causing cancer. GHS07 Skin Irritation 2 H315 Causes skin irritation. Sensitization - Skin 1 H317 May cause an allergic skin reaction. Specific Target Organ Toxicity - Single Exposure 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). (Contd. on page 2) US



acc. to OSHA HCS

Printing date 01/21/2025

Reviewed on 01/21/2025

Page 2/15

Trade name: T920 2K METALLIC BASE COARSE

(Contd. of page 1) · Hazard pictograms GHS02 GHS07 GHS08 Signal word Warning · Hazard-determining components of labeling: n-butyl acetate ethylbenzene methyl methacrylate 2-hydroxyethyl methacrylate 2,3-epoxypropyl neodecanoate Hazard statements Flammable liquid and vapor. Causes skin irritation. May cause an allergic skin reaction. Suspected of causing cancer. May cause drowsiness or dizziness. · Precautionary statements Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. 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 Wash thoroughly after handling. 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. IF exposed or concerned: Get medical advice/attention. Call a poison center/doctor if you feel unwell. Specific treatment (see on this label). Take off contaminated clothing and wash it before reuse. If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse. In case of fire: Use CO2, powder or water spray to extinguish. Store in a well-ventilated place. Keep container tightly closed. Store in a well-ventilated place. Keep cool. (Contd. on page 3)

- 0

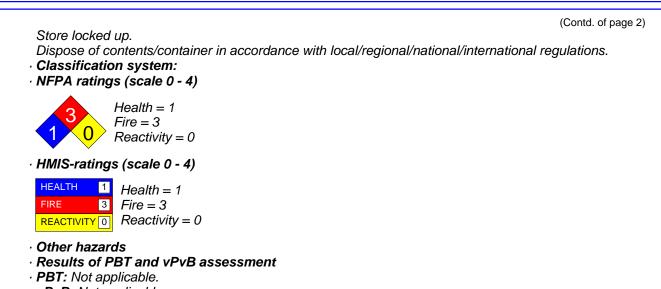
acc. to OSHA HCS

Printing date 01/21/2025

Reviewed on 01/21/2025

Page 3/15

Trade name: T920 2K METALLIC BASE COARSE



· vPvB: Not applicable.

3 Composition/information on ingredients

· Chemical characterization: Mixtures

· Description: Mixture of the substances listed below with nonhazardous additions.

 Dangerous 	components:	
	n-butyl acetate	>10- <i>≤</i> 25%
1330-20-7	-	>10- <i>≤</i> 25%
7429-90-5	aluminium powder (stabilised)	<i>≤</i> 2.5%
64742-95-6	Solvent naphtha (petroleum), light arom.	<i>≤</i> 2.5%
	2-methoxy-1-methylethyl acetate	<i>≤</i> 2.5%
	ethylbenzene	<i>≤</i> 2.5%
	methyl methacrylate	<i>≤</i> 2.5%
	2-hydroxyethyl methacrylate	<i>≤</i> 2.5%
26761-45-5	2,3-epoxypropyl neodecanoate	<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.

(Contd. on page 4)

US

acc. to OSHA HCS

Printing date 01/21/2025

Reviewed on 01/21/2025

Page 4/15

(Contd. of page 3)

Trade name: T920 2K METALLIC BASE COARSE

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.

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

Wear prote • Environme • Methods a Absorb with Dispose co Ensure ade • Reference See Sectio See Sectio See Sectio	 brecautions, protective equipment and emergency procedures brecautions, protective equipment. Keep unprotected persons away. bretal precautions: Do not allow to enter sewers/ surface or ground water. bretal precautions: Do not allow to enter sewers/ surface or ground water. bretal precautions (sand, diatomite, acid binders, universal binders, sawdue ontaminated material as waste according to section 13. breta sections content sections n 7 for information on safe handling. n 8 for information on personal protection equipment. n 13 for disposal information. Action Criteria for Chemicals 	s <i>t).</i>
· PAC-1:		
123-86-4	n-butyl acetate	5 ppm
1330-20-7	xylene	130 ppm
108-65-6	2-methoxy-1-methylethyl acetate	50 ppm
100-41-4	ethylbenzene	33 ppm
80-62-6	methyl methacrylate	17 ppm
	(Co	ntd. on page

Page 5/15

Safety Data Sheet

acc. to OSHA HCS

Printing date 01/21/2025

Reviewed on 01/21/2025

Trade name: T920 2K METALLIC BASE COARSE

		(Contd. of page 4
	2-hydroxyethyl methacrylate	1.9 mg/m³
78-83-1	butanol	150 ppm
	methacrylic acid	6.7 ppm
57-55-6	Propylene glycol	30 mg/m ³
556-67-2	octamethylcyclotetrasiloxane	30 ppm
· PAC-2:		
123-86-4	n-butyl acetate	200 ppm
1330-20-7	xylene	920* ppm
108-65-6	2-methoxy-1-methylethyl acetate	1,000 ppm
100-41-4	ethylbenzene	1100* ppm
80-62-6	methyl methacrylate	120 ppm
868-77-9	2-hydroxyethyl methacrylate	21 mg/m ³
78-83-1	butanol	1,300 ppm
79-41-4	methacrylic acid	61 ppm
57-55-6	Propylene glycol	1,300 mg/m ³
556-67-2	octamethylcyclotetrasiloxane	68 ppm
· PAC-3:		
123-86-4	n-butyl acetate	3000* ppm
1330-20-7	xylene	2500* ppm
108-65-6	2-methoxy-1-methylethyl acetate	5000* ppm
100-41-4	ethylbenzene	1800* ppm
80-62-6	methyl methacrylate	570 ppm
868-77-9	2-hydroxyethyl methacrylate	1,000 mg/m ³
78-83-1	butanol	8000* ppm
79-41-4	methacrylic acid	220 ppm
57-55-6	Propylene glycol	7,900 mg/m ³
556-67-2	octamethylcyclotetrasiloxane	130 ppm

7 Handling and storage

· Handling:

- Precautions for safe handling Ensure good ventilation/exhaustion at the workplace.
 Open and handle receptacle with care.
 Prevent formation of aerosols.
- Information about protection against explosions and fires: Keep ignition sources away - Do not smoke.

(Contd. on page 6)

⁻ US



Page 6/15

(Contd. of page 5)

Safety Data Sheet

acc. to OSHA HCS

Printing date 01/21/2025

Reviewed on 01/21/2025

Trade name: T920 2K METALLIC BASE COARSE

Protect against electrostatic charges. Keep respiratory protective device available.

- · 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

· 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 section 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	S-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: 150 ppm Long-term value: 50 ppm	
1330-2	20-7 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	Long-term value: 20 ppm BEI, A4	
108-65	-6 2-methoxy-1-methylethyl acetate	
WEEL	Long-term value: 50 ppm	
100-41	-4 ethylbenzene	
PEL	Long-term value: 435 mg/m³, 100 ppm	
REL	Short-term value: 545 mg/m³, 125 ppm Long-term value: 435 mg/m³, 100 ppm	
TLV	Long-term value: 20 ppm OTO, BEI, A3	
		(Contd. on page

Safety Data Sheet acc. to OSHA HCS

Printing date 01/21/2025

Reviewed on 01/21/2025

Page 7/15

Trade name: T920 2K METALLIC BASE COARSE

PEL	-6 methyl methacrylate Long-term value: 410 mg/m ³ , 100 ppm
REL	Long-term value: 410 mg/m ³ , 100 ppm
TLV	
ILV	Short-term value: 100 ppm Long-term value: 50 ppm
	DSEN, A4
Inarea	dients with biological limit values:
-	20-7 xylene
	.5 g/g creatinine
	ledium: urine
	īme: end of shift
P	Parameter: Methylhippuric acids
100-4	1-4 ethylbenzene
	.15 g/g creatinine
	1edium: urine
	ime: end of shift at end of workweek
P	Parameter: Sum of mandelic acid and phenylglyoxylic acid (nonspecific)
	nal protective equipment: ral protective and hygienic measures:
Gener Keep a Immed Wash Store Avoid Avoid Breath In cas expos	
Gener Keep a Immed Wash Store Avoid Avoid Breath In cas expos	ral protective and hygienic measures: away from foodstuffs, beverages and feed. diately remove all soiled and contaminated clothing. hands before breaks and at the end of work. protective clothing separately. contact with the skin. contact with the eyes and skin. hing equipment: the of brief exposure or low pollution use respiratory filter device. In case of intensive or longe ure use respiratory protective device that is independent of circulating air.
Gener Keepa Immed Wash Store Avoid Avoid Breat In cas expos Protect The gl Due to prepar	ral protective and hygienic measures: away from foodstuffs, beverages and feed. diately remove all soiled and contaminated clothing. hands before breaks and at the end of work. protective clothing separately. contact with the skin. contact with the eyes and skin. hing equipment: te of brief exposure or low pollution use respiratory filter device. In case of intensive or longe ure use respiratory protective device that is independent of circulating air. ction of hands: Protective gloves love material has to be impermeable and resistant to the product/ the substance/ the preparation of missing tests no recommendation to the glove material can be given for the product/ the ration/ the chemical mixture. tion of the glove material on consideration of the penetration times, rates of diffusion and the

acc. to OSHA HCS

Printing date 01/21/2025

Reviewed on 01/21/2025

(Contd. of page 7)

Trade name: T920 2K METALLIC BASE COARSE

· 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

Information on basic physical and General Information	chemical properties
· Appearance:	
Form:	Liquid
Color:	Silver grey
· Odor:	Characteristic
· 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:	Flammable.
· Auto igniting:	370 °C (698 °F)
· Decomposition temperature:	Not determined.
· Ignition temperature:	Product is not selfigniting.
· Danger of explosion:	Product is not explosive. However, formation of explosive air vapor mixtures are possible.
· Explosion limits:	
Lower:	1.1 Vol %
Upper:	7.5 Vol %

Page 8/15

acc. to OSHA HCS

Printing date 01/21/2025

Reviewed on 01/21/2025

Trade name: T920 2K METALLIC BASE COARSE

		(Contd. of page 8)
 Vapor pressure at 20 °C (68 °F): 	10.7 hPa (8 mm Hg)	
· Density at 20 °C (68 °F):	0.989 g/cm³ (8.25321 lbs/gal)	
· Relative density	Not determined.	
· Vapor density	Not determined.	
 Evaporation rate 	Not determined.	
 Solubility in / Miscibility with 		
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:	41.6 %	
Coating VOC content:	41.61 %	
	411.6 g/l / 3.43 lb/gal	
Material VOC content:	411.6 g/l / 3.43 lb/gal	
Solids content:	57.3 %	
· 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.

(Contd. on page 10)

US

Page 9/15

Page 10/15

Safety Data Sheet

acc. to OSHA HCS

Printing date 01/21/2025

Reviewed on 01/21/2025

Trade name: T920 2K METALLIC BASE COARSE

(Contd. of page 9)

11 Toxicological information

· Information on toxicological effects

· Acute toxicity:

· LD/LC50 values that are relevant for classification:

1330-20-7 xylene

Oral LD50 4,300 mg/kg (rat)

Dermal LD50 2,000 mg/kg (rabbit)

· Primary irritant effect:

- on the skin: Irritant to skin and mucous membranes.
- · 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

•	rnational Agency for Research on Cancer)	
1330-20-7	•	3
	ethylbenzene	2B
80-62-6	methyl methacrylate	3
•	onal Toxicology Program)	
None of the	e ingredients is listed.	
· OSHA-Ca	(Occupational Safety & Health Administration)	
None of the	e 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 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.

(Contd. on page 11)

US

Page 11/15

Safety Data Sheet

acc. to OSHA HCS

Printing date 01/21/2025

Reviewed on 01/21/2025

(Contd. of page 10)

Trade name: T920 2K METALLIC BASE COARSE

· Results of PBT and vPvB assessment

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

13 Disposal considerations

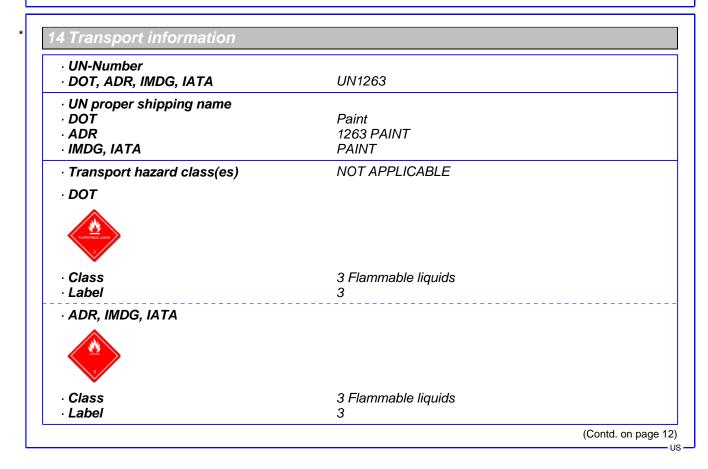
· Waste treatment methods

· 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.



Page 12/15

Safety Data Sheet acc. to OSHA HCS

Printing date 01/21/2025

Reviewed on 01/21/2025

Trade name: T920 2K METALLIC BASE COARSE

	(Contd. of page
Packing group DOT, ADR, IMDG, IATA	///
Environmental hazards: Marine pollutant:	No
Special precautions for user EMS Number: Stowage Category	Warning: Flammable liquids F-E, <u>S-E</u> A
<i>Transport in bulk according to Annex</i> <i>MARPOL73/78 and the IBC Code</i>	Il of 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
<i>IMDG Limited quantities (LQ) Excepted quantities (EQ)</i>	5L 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 No further relevant information available.

· Sara

None of th	ne ingredients is listed.	
Section 3	13 (Specific toxic chemical listings):	
1330-20-7	zylene	
100-41-4	t ethylbenzene	
80-62-6	6 methyl methacrylate	
		(Contd. on page 1

Page 13/15

Safety Data Sheet acc. to OSHA HCS

Printing date 01/21/2025

Reviewed on 01/21/2025

Trade name: T920 2K METALLIC BASE COARSE

		(Contd. of page 2
•	c Substances Control Act):	
	n-butyl acetate	ACTIV
1330-20-7	•	ACTIV
	2-methoxy-1-methylethyl acetate	ACTIV
	ethylbenzene	ACTIVI
	methyl methacrylate	ACTIV
	2-hydroxyethyl methacrylate	ACTIVI
	2,3-epoxypropyl neodecanoate	ACTIVI
78-83-1		ACTIVI
	methacrylic acid	ACTIVI
136-53-8	ZINC 2-ETHYLEXANOATE	ACTIVI
57-55-6	Propylene glycol	ACTIVI
64742-88-7	Solvent naphtha (petroleum), medium aliph.	ACTIVI
556-67-2	octamethylcyclotetrasiloxane	ACTIVI
· Hazardous	Air Pollutants	
1330-20-7 x	ylene	
100-41-4 e	thylbenzene	
80-62-6 r	nethyl methacrylate	
· Proposition	65	
· Chemicals	known to cause cancer:	
100-41-4 et	hylbenzene	
	known to cause reproductive toxicity for females:	
	ingredients is listed.	
	known to cause reproductive toxicity for males:	
	ingredients is listed.	
	known to cause developmental toxicity:	
None of the	ingredients is listed.	
· Carcinogen	ic categories	
•	onmental Protection Agency)	
1330-20-7 x	-	1
	thylbenzene	D
80-62-6 r	nethyl methacrylate	E, N
. TI V (Three	hold Limit Value)	
•	·	
1330-20-7 x	·	A-

Page 14/15

Safety Data Sheet acc. to OSHA HCS

Printing date 01/21/2025

Reviewed on 01/21/2025

Trade name: T920 2K METALLIC BASE COARSE

80-62-6 methyl methacrylate	Contd. of page 1
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 Syste Hazard pictograms	em (GHS).
GHS02 GHS07 GHS08	
Signal word Warning	
Hazard-determining components of labeling:	
n-butyl acetate	
ethylbenzene methyl methacrylate	
2-hydroxyethyl methacrylate	
2,3-epoxypropyl neodecanoate	
Hazard statements	
Flammable liquid and vapor.	
Causes skin irritation.	
May cause an allergic skin reaction.	
Suspected of causing cancer.	
May cause drowsiness or dizziness. Precautionary statements	
Obtain special instructions before use.	
Do not handle until all safety precautions have been read and understood.	
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	
Wash thoroughly after handling.	
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	n water/shower.
IF INHALED: Remove person to fresh air and keep comfortable for breathing.	
IF exposed or concerned: Get medical advice/attention.	
Call a poison center/doctor if you feel unwell.	
Specific treatment (see on this label).	

US US

Page 15/15

Safety Data Sheet

acc. to OSHA HCS

Printing date 01/21/2025

Reviewed on 01/21/2025

Trade name: T920 2K METALLIC BASE COARSE

(Contd. of page 14)

Take off contaminated clothing and wash it before reuse. If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse. In case of fire: Use CO2, powder or water spray to extinguish. 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.

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: Product safety department
- · Contact: N/A
- · Date of preparation / last revision 01/21/2025 / 1.0
- · 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 relatif au transport international 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

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
- Flammable Liquids 3: Flammable liquids Category 3
- Skin Irritation 2: Skin corrosion/irritation Category 2
- Sensitization Skin 1: Skin sensitisation Category 1
- Carcinogenicity 2: Carcinogenicity Category 2

Specific Target Organ Toxicity - Single Exposure 3: Specific target organ toxicity (single exposure) – Category 3

• * Data compared to the previous version altered.

119