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Safety Data Sheet acc. to OSHA HCS

Printing date 04/27/2017

Reviewed	on	04/27/2017

	/2017	Reviewed 01/04/27/2017
1 Identificatio	n	
· Product identij		
-		K Aerosol Epoxy Primer
<u>Gray</u>	<i>astrioou</i> 21	
· Article number	r (product I	(D .): 14149Z
• Application of FOR PROFES		ace / the mixture Paintwork SE ONLY
Details of the s Manufacturer, The Eastwood 263 Shoemaker Pottstown, Pa 800.343.9353	Supplier: Company r Road	the safety data sheet
	ephone nun	Product safety department nber: Tel.: 800.424.9300 011
		ance or mixture
Cassification	oj ine subsi	
<u> (@)</u> /-	GHS	02 GHS04 Flame, Gas cylinder
Flam. Aerosol	1 H222-H2	229 Extremely flammable aerosol. Pressurized container: May burst if heated.
GHS	508 Health l	hazard
Resp. Sens. 1	H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
Carc. 2 STOT RE 2	H351 H373	Suspected of causing cancer. May cause damage to organs through prolonged or repeated exposure.
	П373	May cause aamage to organs inrough protongea or repeated exposure.
GHS	505 Corrosi	on
Eye Dam. 1	H318	Causes serious eye damage.
GHS	507	
	*** * -	
Skin Irrit. 2	H315	Causes skin irritation.
Skin Sens. 1	H317	May cause an allergic skin reaction.

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Trade name: Eastwood 2K Aerosol Epoxy Primer Gray

(Contd. of page 1) STOT SE 3 May cause drowsiness or dizziness. H336 · Label elements · GHS label elements The product is classified and labeled according to the Globally Harmonized System (GHS). · Hazard pictograms GHS02 GHS04 GHS05 GHS07 GHS08 · Signal word Danger · Hazard-determining components of labeling: *Epoxy resin with an average molecular weight of 700≤1200* butan-1-ol acetone ethylbenzene ethylenediamine · Hazard statements Extremely flammable aerosol. Pressurized container: May burst if heated. Causes skin irritation. Causes serious eye damage. May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause an allergic skin reaction. Suspected of causing cancer. May cause drowsiness or dizziness. May cause damage to organs through prolonged or repeated exposure. · Precautionary statements Keep away from heat/sparks/open flames/hot surfaces. No smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Use only outdoors or in a well-ventilated area. Wear protective gloves/eye protection. Do not breathe dust/fume/gas/mist/vapors/spray. [In case of inadequate ventilation] wear respiratory protection. Wash thoroughly after handling. Contaminated work clothing must not be allowed out of the workplace. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. IF ON SKIN: Wash with plenty of water. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If skin irritation or rash occurs: Get medical advice/attention. If experiencing respiratory symptoms: Call a POISON CENTER/doctor. IF INHALED: Remove person to fresh air and keep comfortable for breathing. IF exposed or concerned: Get medical advice/attention. Get medical advice/attention if you feel unwell. Immediately call a POISON CENTER/doctor. Specific treatment (see on this label). Wash contaminated clothing before reuse. Take off contaminated clothing and wash it before reuse. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Store locked up. Store in a well-ventilated place. Keep container tightly closed. Dispose of contents/container in accordance with local/regional/national/international regulations. (Contd. on page 3)

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Trade name: Eastwood 2K Aerosol Epoxy Primer Gray

(Contd. of page 2) • Additional information: Without adequate ventilation, explosive atmosphere/gas mix may be created. • Classification system:

• NFPA ratings (scale 0 - 4)

He 1 3 He Fin Red

Health = 1 Fire = 4 Reactivity = 3

· HMIS-ratings (scale 0 - 4)

HEALTH1Health = *1FIRE4Fire = 4REACTIVITY3Reactivity = 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 of the substances listed below with nonhazardous additions.

· Dangerous components:		
CAS: 115-10-6 Reg.nr.: 01-2119472128-37-xxxx	dimethyl ether	25-<50%
CAS: 67-64-1 Reg.nr.: 01-2119471330-49-xxxx	acetone	10-<25%
CAS: 25068-38-6	Epoxy resin with an average molecular weight of $700 \le 1200$	5-<10%
CAS: 1330-20-7 Reg.nr.: 01-2119488216-32-xxxx	xylene	2.5-<5%
CAS: 110-12-3	5-methylhexan-2-one	1-<2.5%
CAS: 71-36-3	butan-1-ol	1-<2.5%
CAS: 111-76-2	2-butoxyethanol	1-<2.5%
CAS: 64742-94-5	Solvent naphtha (petroleum), heavy arom.	1-<2.5%
CAS: 100-41-4	ethylbenzene	1-<2.5%
CAS: 123-86-4	n-butyl acetate	1-<2.5%
CAS: 107-15-3	ethylenediamine	<1%
• Additional information: For the	wording of the listed hazard phrases refer to section 16.	

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.

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• Indication of any immediate medical attention and special treatment needed No further relevant information available.

5 Fire-fighting measures

- · Extinguishing media -
- · Suitable extinguishing agents: Cool container with water.
- · For safety reasons unsuitable extinguishing agents: Water with full jet
- Special hazards arising from the substance or mixture Can form explosive gas-air mixtures.
- · Advice for firefighters
- · Protective equipment: Mouth respiratory protective device.

6 Accidental release measures

• *Personal precautions, protective equipment and emergency procedures Wear protective equipment. Keep unprotected persons away.*

• Environmental precautions:

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

Inform respective authorities in case of seepage into water course or sewage system.

Do not allow to enter sewers/ surface or ground water.

• *Methods and material for containment and cleaning up: Ensure adequate ventilation.*

Do not flush with water or aqueous cleansing agents

• **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

115-10-6	dimethyl ether	3,000 ppn
67-64-1	acetone	200 ppm
1330-20-7	xylene	130 ppm
110-12-3	5-methylhexan-2-one	50 ppm
7779-90-0	trizinc bis(orthophosphate)	12 mg/m3
71-36-3	butan-1-ol	60 ppm
111-76-2	2-butoxyethanol	60 ppm
100-41-4	ethylbenzene	33 ppm
123-86-4	n-butyl acetate	5 ppm
95-63-6	1,2,4-trimethylbenzene	140 ppm
107-15-3	ethylenediamine	0.88 ppm
1314-13-2	zinc oxide	10 mg/m3
PAC-2:		
115-10-6	dimethyl ether	3800* ppn
67-64-1	acetone	3200* ppn
1330-20-7	xylene	920* ppm
110-12-3	5-methylhexan-2-one	69 ppm
7779-90-0	trizinc bis(orthophosphate)	36 mg/m3
71-36-3	butan-1-ol	800 ppm

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111-76-2	2-butoxyethanol	(Contd. of page 4 120 ppm
	ethylbenzene	1100* ppm
	n-butyl acetate	200 ppm
	1,2,4-trimethylbenzene	360 ppm
	ethylenediamine	9.7 ppm
1314-13-2	-	
		15 mg/m3
• PAC-3:		
115-10-6	dimethyl ether	7200* ppm
67-64-1	acetone	5700* ppm
1330-20-7	xylene	2500* ppm
110-12-3	5-methylhexan-2-one	190 ppm
7779-90-0	trizinc bis(orthophosphate)	220 mg/m3
71-36-3	butan-1-ol	8000** ppm
111-76-2	2-butoxyethanol	700 ppm
100-41-4	ethylbenzene	1800* ppm
123-86-4	n-butyl acetate	3000* ppm
95-63-6	1,2,4-trimethylbenzene	480 ppm
107-15-3	ethylenediamine	20 ppm
1314-13-2	zinc oxide	2,500 mg/m3

7 Handling and storage

· Handling:

- · Precautions for safe handling
- Keep away from heat and direct sunlight.
- Ensure good ventilation/exhaustion at the workplace.
- Take note of emission threshold.
- Use only in well ventilated areas.
- Ensure good interior ventilation, especially at floor level. (Fumes are heavier than air).
- · 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.

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:** Store in a cool location.
- Observe official regulations on storing packagings with pressurized containers.
- · Information about storage in one common storage facility: Not required.
- Further information about storage conditions: Protect from heat and direct sunlight.
- 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.

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Contr	ol parameters
Comp The fe	onents with limit values that require monitoring at the workplace: ollowing constituents are the only constituents of the product which have a PEL, TLV or ot mended exposure limit.
	time, the other constituents have no known exposure limits.
	0-6 dimethyl ether
	Long-term value: 1000 ppm
	I acetone
PEL	Long-term value: 2400 mg/m ³ , 1000 ppm
REL	Long-term value: 590 mg/m ³ , 250 ppm
TLV	Short-term value: 1187 mg/m ³ , 500 ppm
	Long-term value: 594 mg/m ³ , 250 ppm
	BEI
	20-7 xylene
PEL	Long-term value: 435 mg/m ³ , 100 ppm
REL	Short-term value: 655 mg/m ³ , 150 ppm
	Long-term value: 435 mg/m ³ , 100 ppm
TLV	Short-term value: 651 mg/m³, 150 ppm
	Long-term value: 434 mg/m ³ , 100 ppm
	BEI
110-1	2-3 5-methylhexan-2-one
PEL	Long-term value: 475 mg/m ³ , 100 ppm
REL	Long-term value: 240 mg/m ³ , 50 ppm
TLV	Short-term value: 233 mg/m ³ , 50 ppm
1 L V	Long-term value: 93 mg/m ³ , 20 ppm
71-36	-3 butan-1-ol
PEL	Long-term value: 300 mg/m ³ , 100 ppm
REL	Ceiling limit value: 150 mg/m ³ , 50 ppm
KEL	Skin
TLV	Long-term value: 61 mg/m ³ , 20 ppm
111-7	6-2 2-butoxyethanol
PEL	Long-term value: 240 mg/m ³ , 50 ppm Skin
REL	Long-term value: 24 mg/m³, 5 ppm Skin
TLV	Long-term value: 97 mg/m³, 20 ppm BEI
100-4	I-4 ethylbenzene
PEL	Long-term value: 435 mg/m ³ , 100 ppm
REL	· · · · · ·
κel	Short-term value: 545 mg/m³, 125 ppm Long-term value: 435 mg/m³, 100 ppm
TLV	Long-term value: 87 mg/m³, 20 ppm BEI
123-8	6-4 n-butyl acetate
PEL	Long-term value: 710 mg/m ³ , 150 ppm
REL	Short-term value: 950 mg/m ³ , 200 ppm
ΛLL	Long-term value: 930 mg/m ² , 200 ppm Long-term value: 710 mg/m ³ , 150 ppm

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107-15- PEL REL TLV 67-64-1 BEI 50 Math 1330-20 BEI 1.5 Math Math 1.5 1.5 1.5 1.5 <th>edium: urine me: end of shift urameter: Acetone (nonspecific) D-7 xylene 5 g/g creatinine edium: urine me: end of shift urameter: Methylhippuric acids -2 2-butoxyethanol 0 mg/g creatinine edium: urine</th>	edium: urine me: end of shift urameter: Acetone (nonspecific) D-7 xylene 5 g/g creatinine edium: urine me: end of shift urameter: Methylhippuric acids -2 2-butoxyethanol 0 mg/g creatinine edium: urine
107-15- PEL REL TLV 67-64-1 BEI 50 Ma 1330-20 BEI 1.5 Ma Tin Pa BEI 1.5 Ma Tin Pa BEI BEI BEI 20	3 ethylenediamine Long-term value: 25 mg/m³, 10 ppm Long-term value: 25 mg/m³, 10 ppm Skin ents with biological limit values: acetone mg/L edium: urine me: end of shift vrameter: Acetone (nonspecific) D-7 xylene 5 g/g creatinine edium: urine me: end of shift rrameter: Methylhippuric acids 2 2-butoxyethanol 0 mg/g creatinine edium: urine
PEL REL TLV Ingredia 67-64-1 BEI 50 Ma Tin Pa 1330-20 BEI 1.5 Ma Tin Pa 111-76- BEI 20	Long-term value: 25 mg/m ³ , 10 ppm Long-term value: 25 mg/m ³ , 10 ppm Skin ents with biological limit values: acetone mg/L edium: urine me: end of shift trameter: Acetone (nonspecific) D-7 xylene 5 g/g creatinine edium: urine me: end of shift trameter: Methylhippuric acids 2 2-butoxyethanol 0 mg/g creatinine edium: urine
REL TLV Ingredit 67-64-1 BEI 50 Me Tin Pa 1330-20 BEI 1.5 BEI 1.5 BEI 1.5 In Pa 1310-20 1.5 BEI 1.5 BEI 1.5 BEI 20	Long-term value: 25 mg/m ³ , 10 ppm Long-term value: 25 mg/m ³ , 10 ppm Skin ents with biological limit values: acetone mg/L edium: urine me: end of shift trameter: Acetone (nonspecific) D-7 xylene 5 g/g creatinine edium: urine me: end of shift trameter: Methylhippuric acids 2 2-butoxyethanol 0 mg/g creatinine edium: urine
TLV Ingredit 67-64-1 BEI 50 Ma Tin Pa 1330-20 BEI 1.5 Ma Tin Pa 111-76- BEI 20	Long-term value: 25 mg/m³, 10 ppm Skin ents with biological limit values: acetone mg/L edium: urine me: end of shift urameter: Acetone (nonspecific) D-7 xylene 5 g/g creatinine edium: urine me: end of shift urameter: Methylhippuric acids 2 2-butoxyethanol 0 mg/g creatinine edium: urine
Ingredia 67-64-1 BEI 50 Me Tin Pa 1330-20 BEI 1.5 BEI 1.5 Me Tin Pa 1330-20 BEI 1.5 Me Tin Pa 111-76 BEI 20	Skin ents with biological limit values: ents with biological limit values: acetone mg/L edium: urine me: end of shift urameter: Acetone (nonspecific) D-7 xylene 5 g/g creatinine edium: urine me: end of shift urameter: Methylhippuric acids 2 2-butoxyethanol 0 mg/g creatinine edium: urine
Ingredia 67-64-1 BEI 50 BEI 50 Image: Comparison of the system 70 BEI 1.5 BEI 1.5 BEI 1.5 Image: Comparison of the system 70 BEI 1.5 BEI 1.5 BEI 1.5 BEI 2.0	ents with biological limit values: acetone mg/L edium: urine me: end of shift urameter: Acetone (nonspecific) D-7 xylene 5 g/g creatinine edium: urine me: end of shift urameter: Methylhippuric acids 2 2-butoxyethanol 0 mg/g creatinine edium: urine
BEI 50 Me Tin Pa 1330-20 BEI 1.5 BEI 1.5 In Pa Tin Pa 1330-20 In BEI 1.5 BEI 1.5 BEI 2.0	 mg/L edium: urine me: end of shift urameter: Acetone (nonspecific) D-7 xylene 5 g/g creatinine edium: urine me: end of shift urameter: Methylhippuric acids D 2-butoxyethanol 0 mg/g creatinine edium: urine
Me Tin Pa 1330-20 BEI BEI Tin Pa 111-76- BEI 20	edium: urine me: end of shift urameter: Acetone (nonspecific) D-7 xylene 5 g/g creatinine edium: urine me: end of shift urameter: Methylhippuric acids -2 2-butoxyethanol 0 mg/g creatinine edium: urine
Me Tin Pa 1330-20 BEI BEI Tin Pa 111-76- BEI 20	edium: urine me: end of shift urameter: Acetone (nonspecific) D-7 xylene 5 g/g creatinine edium: urine me: end of shift urameter: Methylhippuric acids -2 2-butoxyethanol 0 mg/g creatinine edium: urine
Pa 1330-20 BEI 1.5 Ma Tin Pa 111-76- BEI 20	arameter: Acetone (nonspecific) D-7 xylene 5 g/g creatinine edium: urine me: end of shift arameter: Methylhippuric acids 2 2-butoxyethanol 0 mg/g creatinine edium: urine
Pa 1330-20 BEI 1.5 Ma Tin Pa 111-76- BEI 20	arameter: Acetone (nonspecific) D-7 xylene 5 g/g creatinine edium: urine me: end of shift arameter: Methylhippuric acids 2 2-butoxyethanol 0 mg/g creatinine edium: urine
BEI 1.5 Me Tin Pa 111-76- BEI 20	5 g/g creatinine edium: urine me: end of shift urameter: Methylhippuric acids 2 2-butoxyethanol 0 mg/g creatinine edium: urine
BEI 1.5 Me Tin Pa 111-76- BEI 20	5 g/g creatinine edium: urine me: end of shift urameter: Methylhippuric acids 2 2-butoxyethanol 0 mg/g creatinine edium: urine
Ме Тіп Ра 111-76- ВЕІ 20	edium: urine me: end of shift urameter: Methylhippuric acids 2 2-butoxyethanol 0 mg/g creatinine edium: urine
Tir Pa 111-76- BEI 20	me: end of shift arameter: Methylhippuric acids 2 2-butoxyethanol 0 mg/g creatinine edium: urine
Pa 111-76- BEI 20	urameter: Methylhippuric acids 2 2-butoxyethanol 0 mg/g creatinine edium: urine
BEI 20	0 mg/g creatinine edium: urine
	edium: urine
	edium: urine
Tir	me: end of shift
Pa	trameter: Butoxyacetic acid with hydrolysis
100-41-	4 ethylbenzene
BEI 0.7	7 g/g creatinine
	edium: urine
	me: end of shift at end of workweek
Pa	trameter: Sum of mandelic acid and phenylglyoxylic acid (nonspecific, semi-quantitative)
-	1. I I I I .
	edium: end-exhaled air
	me: not critical tramotar: Ethyl henzene (semi-augntitative)
	urameter: Ethyl benzene (semi-quantitative)
Addition	nal information: The lists that were valid during the creation were used as basis.
	re controls
	al protective equipment:
	l protective and hygienic measures:
	vay from foodstuffs, beverages and feed.
	ately remove all soiled and contaminated clothing.
	ands before breaks and at the end of work.
	inhale gases / fumes / aerosols.
	ontact with the eyes. ontact with the eyes and skin.
	ing equipment:
	vorkers are facing concentrations above the exposure limit they must use appropriate certif
	tors. Half mask with combination filter, class A1P2 minimum, or breathing mask with outer air supp
	ion of hands:
	Protective gloves

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The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

- · Material of gloves Nitrile rubber, NBR
- · Penetration time of glove material
- Gloves must be changed after every contamination.
- The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.
- \cdot For the permanent contact of a maximum of 15 minutes gloves made of the following materials are suitable:
- butyl rubber, 0,7mm
- \cdot Eye protection:



Tightly sealed goggles

9 Physical and chemical properties

General Information	
Appearance:	
Form:	Aerosol
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:	Not applicable, as aerosol.
Flash point:	<0 °C (<32 °F)
	without propellants
Flammability (solid, gaseous):	Not applicable.
Ignition temperature:	235 °C (455 °F)
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:	2.6 Vol %
Upper:	18.6 Vol %
Vapor pressure at 20 °C (68 °F):	3400 hPa (2550 mm Hg)
Density:	Not determined.
Relative density	Not determined.
Vapor density	Not determined.
Evaporation rate	Not applicable.
Solubility in / Miscibility with	
Water:	Not miscible or difficult to mix.

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Partition coefficient (n-octan	ol/water): Not determined.	
· Viscosity:		
Dynamic:	Not determined.	
Kinematic:	Not determined.	
· Solvent content:		
Organic solvents:	66.2 %	
C	with propellants. Percentage by weight	
VOC(EU)	66.24 %	
Solids content:	33.8 %	
• 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 Reacts with acids, alkalis and oxidizing agents.
- Conditions to avoid No further relevant information available.
- · Incompatible materials: No further relevant information available.
- · Hazardous decomposition products: Possible in traces.

11 Toxicological information

· Information on toxicological effects

· Acute toxicity:

· LD/LC50 values that are relevant for classification:

7779-90-0 trizinc bis(orthophosphate)

Oral LD50 >5000 mg/kg (rat)

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

• on the eye: Irritating effect.

- Sensitization: Sensitization possible through skin contact.
- \cdot Additional toxicological information:

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

· Carcinogenic categories

curentoger		
· IARC (Inte	rnational Agency for Research on Cancer)	
1330-20-7	xylene	3
111-76-2	2-butoxyethanol	3
100-41-4	ethylbenzene	2B
· NTP (Natio	onal Toxicology Program)	
None of the	ingredients is listed.	
· OSHA-Ca	(Occupational Safety & Health Administration)	
None of the	ingredients is listed.	
		— U

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12 Ecological information

· Toxicity

• Aquatic toxicity:

7779-90-0 trizinc bis(orthophosphate)

- LC50/96h 5100 µg/l (Oncorhynchus mykiss (Forelle))
- EC50 <1.7 mg/l (daphnia)
- · 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.
- · Ecotoxical effects:
- · Remark: Harmful to fish
- · 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.

- Harmful to aquatic organisms
- · 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	UN1950	
UN proper shipping name		
DOT	Aerosols, flammable	
ADR	1950 Aerosols	
IMDG	AEROSOLS	
IATA	AEROSOLS, flammable	
Transport hazard class(es)		
DOT		
FLAMMABLE GAS		
V		
Class	2.1	

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Label	2.1
ADR	
Class	2 5F Gases
Label	2.1
IMDG, IATA	
Class	2.1
Label	2.1
Packing group	
	Void
ADR, IMDG, IATA	Void not classified
Environmental hazards:	nor classifica
<i>Environmental nazaras:</i> <i>Marine pollutant:</i>	No
Special precautions for user Danger code (Kemler):	Warning: Gases
	not classified
EMS Number: Stowage Code	F-D,S-U SWI Protected from sources of heat
Stowage Code	SW1 Protected from sources of heat. SW22 For AEROSOLS with a maximum capacity of 1 litre
	Category A. For AEROSOLS with a maximum capacity of 1 litre Category B. For WASTE AEROSOLS: Category C, Clear of living quarters.
Segregation Code	SG69 For AEROSOLS with a maximum capacity of 1 litre
	Segregation as for class 9. Stow "separated from" class 1 excep
	for division 1.4. For AEROSOLS with a capacity above 1 litre Segregation as for the appropriate subdivision of class 2. Fo
	WASTE AEROSOLS: Segregation as for the appropriat subdivision of class 2.
Transport in bulk according to Anne MARPOL73/78 and the IBC Code	e x II of Not applicable.
Transport/Additional information:	
ADR	
Excepted quantities (EQ)	Code: E0
	Not permitted as Excepted Quantity
IMDG	
Limited quantities (LQ)	
Excepted quantities (EQ)	<i>Code: E0</i> <i>Not permitted as Excepted Quantity</i>
UN "Model Regulation":	UN 1950 AEROSOLS, 2.1

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15 Regulatory information

Section 35.	5 (extremely hazardous substances):	
107-15-3 e	thylenediamine	
Section 31.	3 (Specific toxic chemical listings):	
1330-20-7	xylene	
7779-90-0	trizinc bis(orthophosphate)	
71-36-3	butan-1-ol	
111-76-2	2-butoxyethanol	
100-41-4	ethylbenzene	
108-65-6	2-methoxy-1-methylethyl acetate	
95-63-6	1,2,4-trimethylbenzene	
1314-13-2	zinc oxide	
TSCA (Tox	ic Substances Control Act):	
115-10-6	dimethyl ether	
67-64-1	acetone	
1330-20-7	xylene	
110-12-3	5-methylhexan-2-one	
7779-90-0	trizinc bis(orthophosphate)	
71-36-3	butan-1-ol	
111-76-2	2-butoxyethanol	
100-41-4	ethylbenzene	
123-86-4	n-butyl acetate	
95-63-6	1,2,4-trimethylbenzene	
107-15-3	ethylenediamine	
1314-13-2	zinc oxide	
Proposition		
	known to cause cancer:	
100-41-4 e	thylbenzene	
	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.	
Canceroge	nity categories	
EPA (Envi	ronmental Protection Agency)	
67-64-1	acetone	Ι
	xylene	Ι
7779-90-0	trizinc bis(orthophosphate)	D, I,
71-36-3	butan-1-ol	D
111_76_2	2-butoxyethanol	NL

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100-41-4	ethylbenzene	D
95-63-6	1,2,4-trimethylbenzene	II
107-15-3	ethylenediamine	D
1314-13-2	zinc oxide	D, I, II
· TLV (Thre	eshold Limit Value established by ACGIH)	
67-64-1	acetone	A4
1330-20-7	xylene	A4
111-76-2	2-butoxyethanol	A3
100-41-4	ethylbenzene	A3
107-15-3	ethylenediamine	A4
· MAK (Ger	man Maximum Workplace Concentration)	
111-76-2	2-butoxyethanol	4
100-41-4	ethylbenzene	3A
· NIOSH-C	a (National Institute for Occupational Safety and Health)	
None of th	e ingredients is listed.	

· 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: Epoxy resin with an average molecular weight of 700≤1200 butan-1-ol acetone ethylbenzene ethylenediamine · Hazard statements Extremely flammable aerosol. Pressurized container: May burst if heated. Causes skin irritation. Causes serious eye damage. May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause an allergic skin reaction. Suspected of causing cancer. May cause drowsiness or dizziness. May cause damage to organs through prolonged or repeated exposure. · Precautionary statements Keep away from heat/sparks/open flames/hot surfaces. No smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Use only outdoors or in a well-ventilated area. Wear protective gloves/eye protection. Do not breathe dust/fume/gas/mist/vapors/spray. [In case of inadequate ventilation] wear respiratory protection. Wash thoroughly after handling. Contaminated work clothing must not be allowed out of the workplace. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood.

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IF ON SKIN: Wash with plenty of water. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If skin irritation or rash occurs: Get medical advice/attention. If experiencing respiratory symptoms: Call a POISON CENTER/doctor. IF INHALED: Remove person to fresh air and keep comfortable for breathing. IF exposed or concerned: Get medical advice/attention. Get medical advice/attention if you feel unwell. Immediately call a POISON CENTER/doctor. Specific treatment (see on this label). Wash contaminated clothing before reuse. Take off contaminated clothing and wash it before reuse. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Store locked up. Store in a well-ventilated place. Keep container tightly closed. 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

· Date of preparation / last revision 04/27/2017 / -· 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) 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: Aerosols - Category 1 Skin Irrit. 2: Skin corrosion/irritation - Category 2 Eye Dam. 1: Serious eye damage/eye irritation - Category 1 Resp. Sens. 1: Respiratory sensitisation - Category 1 Skin Sens. 1: Skin sensitisation - Category 1 Carc. 2: Carcinogenicity - Category 2 STOT SE 3: Specific target organ toxicity (single exposure) – Category 3 STOT RE 2: Specific target organ toxicity (repeated exposure) - Category 2 • * Data compared to the previous version altered.