



Printing date 04/27/2017 Reviewed on 04/27/2017

1 Identification

- · Product identifier
- · Trade name: 2K Aerospray High Build Urethane Primer Black
- · Article number (product ID.): 14793Z
- · Application of the substance / the mixture Paintwork FOR PROFESSIONAL USE ONLY
- · Details of the supplier of the safety data sheet
- · Manufacturer/Supplier: The Eastwood Company
- · 263 Shoemaker Road
- · Pottstown, Pa 19464
- . 800.343.9353
- · Information department: Product safety department
- · Emergency telephone number: Tel.: 800.424.9300

2 Hazard(s) identification

· Classification of the substance or mixture





GHS02 GHS04 Flame, Gas cylinder

Flam. Aerosol 1 H222-H229 Extremely flammable aerosol. Pressurized container: May burst if heated.



GHS08 Health hazard

Carc. 2 H351 Suspected of causing cancer.



GHS07

Eye Irrit. 2A H319 Causes serious eye irritation.

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).

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· Hazard pictograms









GHS02

GHS04

GHS07 G

· Signal word Danger

· Hazard-determining components of labeling:

Aliphatisches Polyisocyanat

acetone

n-butyl acetate

Solvent naphtha (petroleum), light arom. benzene < 0,1 %

hexamethylene-di-isocyanate

· Hazard statements

Extremely flammable aerosol. Pressurized container: May burst if heated.

Causes serious eye irritation.

May cause an allergic skin reaction.

Suspected of causing cancer.

May cause drowsiness or dizziness.

· 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.

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

Use only outdoors or in a well-ventilated area.

Wear protective gloves/eye 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.

Call a POISON CENTER/doctor if you feel unwell.

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

If eye irritation persists: Get medical advice/attention.

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

IF exposed or concerned: Get medical advice/attention.

Specific treatment (see on this label).

Wash contaminated clothing 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.

- · Additional information: Without adequate ventilation, explosive atmosphere/gas mix may be created.
- · Classification system:
- · NFPA ratings (scale 0 4)



Health = 1 Fire = 4 Reactivity = 3

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Safety Data Sheet acc. to OSHA HCS

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· HMIS-ratings (scale 0 - 4)



- · 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: 123-86-4	n-butyl acetate	5-<10%
CAS: 1330-20-7 Reg.nr.: 01-2119488216-32-xxxx	xylene	2.5-<5%
CAS: 28182-81-2	Aliphatisches Polyisocyanat	2.5-<5%
CAS: 108-65-6 Reg.nr.: 01-2119475791-29-xxxx	2-methoxy-1-methylethyl acetate	1-<2.5%
CAS: 64742-95-6	Solvent naphtha (petroleum), light arom. benzene $< 0.1~\%$	1-<2.5%
CAS: 103-65-1	propylbenzene	<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.

- $\cdot \textit{After skin contact:} \ \textit{Immediately wash with water and soap and rinse thoroughly}.$
- · 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: 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.

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- · 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
123-86-4	n-butyl acetate	5 ppm
7779-90-0	trizinc bis(orthophosphate)	12 mg/m3
1330-20-7	xylene	130 ppm
108-65-6	2-methoxy-1-methylethyl acetate	50 ppm
95-63-6	1,2,4-trimethylbenzene	140 ppm
108-67-8	mesitylene	140 ppm
103-65-1	propylbenzene	3.7 ppm
822-06-0	hexamethylene-di-isocyanate	0.018 ppn
PAC-2:		1
115-10-6	dimethyl ether	3800* ppn
67-64-1	acetone	3200* ppn
123-86-4	n-butyl acetate	200 ppm
7779-90-0	trizinc bis(orthophosphate)	36 mg/m3
1330-20-7	xylene	920* ppm
108-65-6	2-methoxy-1-methylethyl acetate	1,000 ppm
95-63-6	1,2,4-trimethylbenzene	360 ppm
108-67-8	mesitylene	360 ppm
103-65-1	propylbenzene	41 ppm
822-06-0	hexamethylene-di-isocyanate	0.2 ppm
<i>PAC-3:</i>		-
115-10-6	dimethyl ether	7200* ppn
67-64-1	•	5700* ppr
123-86-4	n-butyl acetate	3000* ppn
	trizinc bis(orthophosphate)	220 mg/m.
1330-20-7	xvlene	2500* ppn

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108-65-6	2-methoxy-1-methylethyl acetate	5000* ppm
95-63-6	1,2,4-trimethylbenzene	480 ppm
108-67-8	mesitylene	480 ppm
103-65-1	propylbenzene	240 ррт
822-06-0	hexamethylene-di-isocyanate	<i>3 ppm</i>

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.

 $Observe\ of ficial\ regulations\ on\ storing\ packagings\ with\ pressurized\ containers.$

- · Information about storage in one common storage facility: Not required.
- · Further information about storage conditions: Protect from heat and direct sunlight.
- \cdot *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.

115-10-6 dimethyl ether				
	WEEL Long-term value: 1000 ppm			
67-64-	64-1 acetone			
PEL	Long-term value: 2400 mg/m³, 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			
123-86-4 n-butyl acetate				
PEL	Long-term value: 710 mg/m³, 150 ppm			

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		(Contd. of page				
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					
1330-	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	Short-term value: 651 mg/m³, 150 ppm					
	Long-term value: 434 mg/m³, 100 ppm					
	BEI					
108-6	108-65-6 2-methoxy-1-methylethyl acetate					
WEEI	Long-term value: 50 ppm					
· Ingre	dients with biological limit values:					
67-64	-1 acetone					
BEI 5	50 mg/L					
1	Medium: urine					
	Fime: end of shift					
1	Parameter: Acetone (nonspecific)					
1330-	1330-20-7 xylene					
BEI I	1.5 g/g creatinine					
1	Medium: urine					
	Fime: end of shift					
1	Parameter: Methylhippuric acids					

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

Do not inhale gases / fumes / aerosols.

· Breathing equipment:

When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. Half mask with combination filter, class A1P2 minimum, or breathing mask with outer air supply.

· Protection of hands:



Protective gloves

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.

· For the permanent contact of a maximum of 15 minutes gloves made of the following materials are suitable:

butyl rubber, 0,7mm

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· Eye protection:



Tightly sealed goggles

· Information on basic physical and chemical properties				
· General Information	пениси ргорениез			
· 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 at 20 °C (68 °F):	$0.75 \text{ g/cm}^3 (6.259 \text{ lbs/gal})$			
Relative density	Not determined.			
· Vapor density	Not determined.			
Evaporation rate	Not applicable.			
Solubility in / Miscibility with				
Water:	Not miscible or difficult to mix.			
Partition coefficient (n-octanol/wate	er): Not determined.			
· Viscosity:				
Dynamic:	Not determined.			
Kinematic:	Not determined.			
Solvent content:				
Organic solvents:	62.4 %			
	with propellants. Percentage by weight			
VOC(EU)	62.38 %			

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· 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	7779-90-0 trizinc bis(orthophosphate)		
Oral	LD50	>5000 mg/kg (rat)	
64742-95-	64742-95-6 Solvent naphtha (petroleum), light arom. benzene < 0,1 %		
Oral	LD50	>6800 mg/kg (rat)	
Dermal	LD50	>3400 mg/kg (rab)	
Inhalative	LC50/4 h	>10.2 mg/l (rat)	

- · Primary irritant effect:
- · on the skin: Irritant to skin and mucous membranes.
- · on the eye: No irritating effect.
- · Sensitization: Sensitization possible through skin contact.
- $\cdot \textit{Additional toxicological information:}$

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

Irritant

· Carcinogenic categories

· IARC (International Agency for Research on Cancer)	
1330-20-7 xylene	3
NUMB (A) (C) I M (C) I D	

· NTP (National Toxicology Program)

None of the ingredients is listed.

· OSHA-Ca (Occupational Safety & Health Administration)

None of the ingredients is listed.

12 Ecological information

· Toxicity

100000		
· Aquatic to.	xicity:	
7779-90-0 trizinc bis(orthophosphate)		
LC50/96h	5100 μg/l (Oncorhynchus mykiss (Forelle))	
EC50	<1.7 mg/l (daphnia)	

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64742-95-6 Solvent naphtha (petroleum), light arom. benzene $< 0.1~%$		
EC50	19 mg/l (Pseudokirchneriella subcapitata) (OECD-PrüfRL 201 96h)	
	6.14 mg/l (daphnia) (48h)	

- · 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: Toxic for 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.

Also poisonous for fish and plankton in water bodies.

Toxic for 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.

14 Trans	port in	tormai	tion
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· UN-Number	•
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· DOT, ADR, IMDG, IATA UN1950

· UN proper shipping name

 \cdot **DOT** Aerosols, flammable

· ADR 1950 Aerosols, ENVIRONMENTALLY HAZARDOUS

· **IMDG** AEROSOLS, MARINE POLLUTANT

· IATA AEROSOLS, flammable

- · Transport hazard class(es)
- $\cdot DOT$



· Class 2.1

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TII	(Contd. of pag
Label	2.1
ADR	
1 1 1 1 1 1 1 1 1 1	
3	
V	
Class	2 5F Gases
Label	2.1
IMDG	
^	
ALL.	
2	
Class	2.1
Label	2.1
	ω.1
IATA	
3/	
Class	2.1
Label	2.1
Packing group	
DOT	Void
ADR, IMDG, IATA	Void
, ,	not classified
Environmental hazards:	Product contains environmentally hazardous substances: trizi
Environmental nazaras.	bis(orthophosphate)
Marine pollutant:	Yes
Transitio politicaliti	Symbol (fish and tree)
Special marking (ADR):	Symbol (fish and tree)
<u> </u>	
Special precautions for user	Warning: Gases
Danger code (Kemler):	- not alassified
EMS Number:	not classified F-D,S-U
Stowage Code	SW1 Protected from sources of heat.
Diowage Coue	SW22 For AEROSOLS with a maximum capacity of 1 lit.
	Category A. For AEROSOLS with a capacity above 1 little
	Category B. For WASTE AEROSOLS: Category C, Clear
	living quarters.
Segregation Code	SG69 For AEROSOLS with a maximum capacity of 1 lits
	Segregation as for class 9. Stow "separated from" class 1 exce
	for division 1.4. For AEROSOLS with a capacity above 1 little
	Segregation as for the appropriate subdivision of class 2. F
	WASTE AEROSOLS: Segregation as for the approprie
	subdivision of class 2.

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· Transport/Additional information:	
· ADR · Excepted quantities (EQ)	Code: E0 Not permitted as Excepted Quantity
· IMDG · Limited quantities (LQ) · Excepted quantities (EQ)	1L Code: E0 Not permitted as Excepted Quantity
· UN ''Model Regulation'':	UN 1950 AEROSOLS, 2.1, ENVIRONMENTALL HAZARDOUS

15 Regulatory information

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

· Sara	
· Section 35:	5 (extremely hazardous substances):
None of the	e ingredient is listed.
	3 (Specific toxic chemical listings):
7779-90-0	trizinc bis(orthophosphate)
1330-20-7	·
108-65-6	2-methoxy-1-methylethyl acetate
	1,2,4-trimethylbenzene
822-06-0	hexamethylene-di-isocyanate

· TSCA (Toxic Substances Control Act):

115-10-6 dimethyl ether

67-64-1 acetone

123-86-4 n-butyl acetate

7779-90-0 trizinc bis(orthophosphate)

1330-20-7 xylene

108-65-6 2-methoxy-1-methylethyl acetate

95-63-6 1,2,4-trimethylbenzene

108-67-8 mesitylene

103-65-1 propylbenzene

822-06-0 hexamethylene-di-isocyanate

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

None of the ingredients is listed.

· 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.

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· Cancerogenity categories

· EPA (Environmental Protection Agency)				
67-64-1	acetone	I		
7779-90-0	trizinc bis(orthophosphate)	D, I, II		
1330-20-7	xylene	I		
95-63-6	1,2,4-trimethylbenzene	II		
108-67-8	mesitylene	II		

· TLV (Threshold Limit Value established by ACGIH)

67-64-1	acetone	A4
1330-20-7	xylene	A4

· MAK (German Maximum Workplace Concentration)

None of the ingredients is listed.

· 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

GHS04

GHS07

CHSUS

· Signal word Danger

· Hazard-determining components of labeling:

Aliphatisches Polyisocyanat

acetone

n-butyl acetate

Solvent naphtha (petroleum), light arom. benzene < 0,1 %

hexamethylene-di-isocyanate

· Hazard statements

Extremely flammable aerosol. Pressurized container: May burst if heated.

Causes serious eye irritation.

May cause an allergic skin reaction.

Suspected of causing cancer.

May cause drowsiness or dizziness.

· 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.

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

Use only outdoors or in a well-ventilated area.

Wear protective gloves/eye 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.

Call a POISON CENTER/doctor if you feel unwell.

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

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If eye irritation persists: Get medical advice/attention.

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

IF exposed or concerned: Get medical advice/attention.

Specific treatment (see on this label).

Wash contaminated clothing 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

Eye Irrit. 2A: Serious eye damage/eye irritation – Category 2A

Skin Sens. 1: Skin sensitisation - Category 1

Carc. 2: Carcinogenicity - Category 2

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

* * Data compared to the previous version altered.

US