SAFETY DATA SHEET

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Product name : MIL-DTL-11195H Type II Fast Dry Lusterless Enamel 3.5 VOC Tan 686A 33446

Q2078

Product code : F93HC350

1.2 Relevant identified uses of the substance or mixture and uses advised against

Material uses : Paint or paint related material.

: Industrial use only.

1.3 Details of the supplier of the safety data sheet

Mfg. in U.S.A and exported by: The Sherwin-Williams Company 101 Prospect Avenue N.W. Cleveland, OH 44115

EU Only Representative: Valspar B.V.

Zuiveringweg 89 8243 PE Lelystad P.O. Box 2139 The Netherlands

Phone: +31 (0)320 29 22 00

e-mail address of person : sds@sherwin.com

responsible for this SDS

1.4 Emergency telephone number

National advisory body/Poison Center

Telephone number : +431 406 43 43

Supplier

Telephone number : +1 703-741-5970

Hours of operation : Emergency contact available 24 hours a day

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Product definition : Mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Flam. Liq. 2, H225 STOT RE 2, H373 Aquatic Chronic 2, H411

The product is classified as hazardous according to Regulation (EC) 1272/2008 as amended.

See Section 16 for the full text of the H statements declared above.

See Section 11 for more detailed information on health effects and symptoms.

2.2 Label elements

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SECTION 2: Hazards identification

Hazard pictograms







Signal word : Danger

Hazard statements: Highly flammable liquid and vapor.

May cause damage to organs through prolonged or repeated exposure.

Toxic to aquatic life with long lasting effects.

Precautionary statements

Prevention: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.

No smoking. Avoid release to the environment. Do not breathe vapor.

Response : Collect spillage. Get medical advice or attention if you feel unwell.

Storage: Not applicable.

Disposal : Dispose of contents and container in accordance with all local, regional, national

and international regulations.

Hazardous ingredients : Crystalline Silica, respirable powder

Supplemental label : Contains maleic anhydride. May produce an allergic reaction.

elements Warning! Hazardous respirable droplets may be formed when sprayed. Do not

breathe spray or mist. FOR INDUSTRIAL USE ONLY

Special packaging requirements

Not applicable.

2.3 Other hazards

This mixture does not contain any substances that are assessed to be a PBT or a vPvB

The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Other hazards which do not result in classification

: Risk of spontaneous combustion. Spraydust, cloth and other contaminated organic material should be wetted and placed in a sealed metal container. Store in a fire-proof place.

SECTION 3: Composition/information on ingredients

3.2 Mixture

Product/ingredient name	Identifiers	%	Classification	Specific Conc. Limits, M-factors and ATEs	Туре
Methyl n-Amyl Ketone	REACH #: 01-2119902391-49 EC: 203-767-1 CAS: 110-43-0 Index: 606-024-00-3	≥10 - <20	Flam. Liq. 3, H226 Acute Tox. 4, H302 Acute Tox. 4, H332 STOT SE 3, H336	ATE [Oral] = 1600 mg/kg ATE [Inhalation (vapours)] = 11 mg/	[1] [2]
Crystalline Silica, respirable powder	EC: 238-878-4 CAS: 14808-60-7	<10	STOT RE 1, H372 (inhalation)	-	[1] [2]
Zinc Phosphate	EC: 231-944-3 CAS: 7779-90-0 Index: 030-011-00-6	≤10	Aquatic Acute 1, H400 Aquatic Chronic 1, H410	M [Acute] = 1 M [Chronic] = 1	[1]
Methyl n-Propyl Ketone	EC: 203-528-1 CAS: 107-87-9	≤5	Flam. Liq. 2, H225 Acute Tox. 4, H302 Eye Irrit. 2, H319	ATE [Oral] = 1600 mg/kg	[1] [2]
n-Butyl Acetate	REACH #: 01-2119485493-29 EC: 204-658-1	<1	Flam. Liq. 3, H226 STOT SE 3, H336 EUH066	-	[1] [2

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SECTION 3: Composition/information on ingredients

Methyl Isobutyl Ketone	CAS: 123-86-4 Index: 607-025-00-1 REACH #: 01-2119473980-30 EC: 203-550-1 CAS: 108-10-1 Index: 606-004-00-4	<1	Flam. Liq. 2, H225 Acute Tox. 4, H332 Eye Irrit. 2, H319 Carc. 2, H351 STOT SE 3, H336 EUH066	ATE [Inhalation (vapours)] = 11 mg/	[1] [2]
Toluene	REACH #: 01-2119471310-51 EC: 203-625-9 CAS: 108-88-3 Index: 601-021-00-3	≤0.3	Flam. Liq. 2, H225 Skin Irrit. 2, H315 Repr. 2, H361d STOT SE 3, H336 STOT RE 2, H373 Asp. Tox. 1, H304 Aquatic Chronic 3, H412	-	[1] [2]
Zinc Oxide	REACH #: 01-2119463881-32 EC: 215-222-5 CAS: 1314-13-2 Index: 030-013-00-7	≤0.3	Aquatic Acute 1, H400 Aquatic Chronic 1, H410	M [Acute] = 1 M [Chronic] = 1	[1]
Maleic Anhydride	REACH #: 01-2119472428-31 EC: 203-571-6 CAS: 108-31-6 Index: 607-096-00-9	<0.001	Acute Tox. 4, H302 Skin Corr. 1B, H314 Eye Dam. 1, H318 Resp. Sens. 1, H334 Skin Sens. 1A, H317 STOT RE 1, H372 (respiratory system) (inhalation) EUH071 See Section 16 for the full text of the H statements declared above.	ATE [Oral] = 400 mg/kg Skin Sens. 1, H317: C ≥ 0.001%	[1] [2]

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment, are PBTs, vPvBs or Substances of equivalent concern, or have been assigned a workplace exposure limit and hence require reporting in this section.

<u>Type</u>

- [1] Substance classified with a health or environmental hazard
- [2] Substance with a workplace exposure limit

Occupational exposure limits, if available, are listed in Section 8.

SECTION 4: First aid measures

4.1 Description of first aid measures

4.1 Description of first aid if	leasures
General	: In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and seek medical advice.
Eye contact	: Remove contact lenses, irrigate copiously with clean, fresh water, holding the eyelids apart for at least 10 minutes and seek immediate medical advice.
Inhalation	: Remove to fresh air. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel.
Skin contact	Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water or use recognized skin cleanser. Do NOT use solvents or thinners.

Ingestion
 If swallowed, seek medical advice immediately and show this container or label.
 Keep person warm and at rest. Do NOT induce vomiting.

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SECTION 4: First aid measures

Protection of first-aiders

: No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

4.2 Most important symptoms and effects, both acute and delayed

There are no data available on the mixture itself. Procedure used to derive the classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]. See Sections 2 and 3 for details.

Exposure to component solvent vapor concentrations in excess of the stated occupational exposure limit may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms and signs include headache, dizziness, fatique, muscular weakness, drowsiness and, in extreme cases, loss of consciousness.

Solvents may cause some of the above effects by absorption through the skin. Repeated or prolonged contact with the mixture may cause removal of natural fat from the skin, resulting in non-allergic contact dermatitis and absorption through the skin.

If splashed in the eyes, the liquid may cause irritation and reversible damage.

Ingestion may cause nausea, diarrhea and vomiting.

This takes into account, where known, delayed and immediate effects and also chronic effects of components from short-term and long-term exposure by oral, inhalation and dermal routes of exposure and eye contact.

4.3 Indication of any immediate medical attention and special treatment needed

Notes to physician

: Treat symptomatically. Contact poison treatment specialist immediately if large

quantities have been ingested or inhaled.

Specific treatments

: No specific treatment.

See toxicological information (Section 11)

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing

media

: Recommended: alcohol-resistant foam, CO2, powders, water spray or mist.

Unsuitable extinguishing

media

: Do not use water jet.

5.2 Special hazards arising from the substance or mixture

Hazards from the substance or mixture : Fire will produce dense black smoke. Exposure to decomposition products may cause a health hazard.

Hazardous combustion

products

: Decomposition products may include the following materials: carbon monoxide, carbon dioxide, smoke, oxides of nitrogen.

5.3 Advice for firefighters

Special protective actions for fire-fighters

: Cool closed containers exposed to fire with water. Do not release runoff from fire to drains or watercourses.

Special protective equipment for fire-fighters : Fire-fighters should wear positive pressure self-contained breathing apparatus (SCBA) and full turnout gear.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

: Exclude sources of ignition and ventilate the area. Avoid breathing vapor or mist. Refer to protective measures listed in sections 7 and 8.

Keep unnecessary and unprotected personnel from entering.

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SECTION 6: Accidental release measures

For emergency responders: If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

6.2 Environmental precautions

: Do not allow to enter drains or watercourses. If the product contaminates lakes, rivers, or sewers, inform the appropriate authorities in accordance with local regulations.

6.3 Methods and materials for containment and cleaning up

: Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Preferably clean with a detergent. Avoid using solvents.

6.4 Reference to other sections

: See Section 1 for emergency contact information. See Section 8 for information on appropriate personal protective equipment. See Section 13 for additional waste treatment information.

SECTION 7: Handling and storage

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

7.1 Precautions for safe handling

: Prevent the creation of flammable or explosive concentrations of vapors in air and avoid vapor concentrations higher than the occupational exposure limits. In addition, the product should only be used in areas from which all naked lights and other sources of ignition have been excluded. Electrical equipment should be protected to the appropriate standard.

Mixture may charge electrostatically: always use earthing leads when transferring from one container to another.

Operators should wear antistatic footwear and clothing and floors should be of the conducting type.

Keep away from heat, sparks and flame. No sparking tools should be used. Avoid contact with skin and eyes. Avoid the inhalation of dust, particulates, spray or mist arising from the application of this mixture. Avoid inhalation of dust from

sanding. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed.

Put on appropriate personal protective equipment (see Section 8). Never use pressure to empty. Container is not a pressure vessel.

Always keep in containers made from the same material as the original one.

Comply with the health and safety at work laws. Do not allow to enter drains or watercourses.

Information on fire and explosion protection

Vapors are heavier than air and may spread along floors. Vapors may form explosive mixtures with air.

When operators, whether spraying or not, have to work inside the spray booth, ventilation is unlikely to be sufficient to control particulates and solvent vapors in all cases. In such circumstances, they should wear a compressed-air-fed respirator during the spraying process and until the particulate and solvent vapor concentrations have fallen below the exposure limits.

7.2 Conditions for safe storage, including any incompatibilities

: Store in accordance with local regulations.

Notes on joint storage

Keep away from: oxidizing agents, strong alkalis, strong acids.

Additional information on storage conditions

Observe label precautions. Store in a dry, cool and well-ventilated area. Keep away from heat and direct sunlight. Keep away from sources of ignition. No smoking. Prevent unauthorized access. Containers that have been opened must be carefully

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SECTION 7: Handling and storage

resealed and kept upright to prevent leakage.

Contaminated absorbent material may pose the same hazard as the spilled product.

7.3 Specific end use(s)

Recommendations : Not available.

Industrial sector specific : Not available.

solutions

Good housekeeping standards, regular safe removal of waste materials and regular maintenance of spray booth filters will minimise the risks of spontaneous combustion and other fire hazards.

Before use of this material please refer to the Exposure Scenario(s) if attached for the specific end use, control measures and additional PPE considerations.

SECTION 8: Exposure controls/personal protection

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

8.1 Control parameters

Occupational exposure limits

Product/ingredient name	Exposure limit values
Methyl n-Amyl Ketone	Regulation on Limit Values - MAC (Austria, 4/2021). Absorbed through skin. TWA: 50 ppm 8 hours. TWA: 237 mg/m³ 8 hours. PEAK: 100 ppm, 4 times per shift, 15 minutes. PEAK: 473 mg/m³, 4 times per shift, 15 minutes.
Crystalline Silica, respirable powder	Regulation on Limit Values - MAC (Austria, 4/2021). [Quarzfeinstaub] AMV: 0.05 mg/m³ Form: respirable dust
Methyl n-Propyl Ketone	Regulation on Limit Values - MAC (Austria, 4/2021). TWA: 200 ppm 8 hours. TWA: 700 mg/m³ 8 hours. PEAK: 400 ppm, 4 times per shift, 15 minutes. PEAK: 1400 mg/m³, 4 times per shift, 15 minutes.
n-Butyl Acetate	Regulation on Limit Values - MAC (Austria, 4/2021). [Butyl acetate (all isomers except tert-butyl acetate)] CEIL: 480 mg/m³ CEIL: 100 ppm TWA: 241 mg/m³ 8 hours. TWA: 50 ppm 8 hours.
Methyl Isobutyl Ketone	Regulation on Limit Values - MAC (Austria, 4/2021). Absorbed through skin. TWA: 20 ppm 8 hours. TWA: 83 mg/m³ 8 hours. PEAK: 50 ppm, 4 times per shift, 15 minutes. PEAK: 208 mg/m³, 4 times per shift, 15 minutes.
Toluene	Regulation on Limit Values - MAC (Austria, 4/2021). Absorbed through skin. TWA: 50 ppm 8 hours. TWA: 190 mg/m³ 8 hours. PEAK: 100 ppm, 4 times per shift, 15 minutes. PEAK: 380 mg/m³, 4 times per shift, 15 minutes.
Maleic Anhydride	Regulation on Limit Values - MAC (Austria, 4/2021). Skin sensitizer. Inhalation sensitizer. TWA: 0.1 ppm 8 hours. TWA: 0.4 mg/m³ 8 hours. CEIL: 0.2 ppm, 8 times per shift, 5 minutes.

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SECTION 8: Exposure controls/personal protection

CEIL: 0.8 mg/m³, 8 times per shift, 5 minutes.

Biological exposure indices

Product/ingredient name	Exposure indices
toluene	VGU BEI (Austria, 9/2020) BEI Fitness: 250 μg/l, toluene [in blood]. Sampling time: one year. BEI Fitness: 0.8 mg/l, o-cresol [in urine]. Sampling time: one year. BEI Fitness: 130000 /μl, platelets (non-pathological differential blood count) [in blood]. Sampling time: one year. BEI Fitness: 150000 /μl, platelets [in blood]. Sampling time: one year. BEI Fitness: 3700 to 13000 /μl, leukocytes (non-pathological differential blood count) [in blood]. Sampling time: one year. BEI Fitness: 4000 to 13000 /μl, leukocytes [in blood]. Sampling time: one year. BEI Fitness - men: 3.8 million/μl, erythrocytes [in blood]. Sampling time: one year. BEI Fitness - women: 3.2 million/μl, erythrocytes [in blood]. Sampling time: one year. BEI Fitness - men: 12 g/dl, hemoglobin [in blood]. Sampling time: one year. BEI Fitness - women: 10 g/dl, hemoglobin [in blood]. Sampling time: one year.

Recommended monitoring procedures

- : Reference should be made to monitoring standards, such as the following: European Standard EN 689 (Workplace atmospheres Guidance for the assessment of exposure by inhalation to chemical agents for comparison with limit values and measurement strategy) European Standard EN 14042 (Workplace atmospheres Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents) European Standard EN 482 (Workplace atmospheres General requirements for the performance of procedures for the measurement of chemical agents) Reference to national guidance documents for methods for the determination of hazardous substances will also be required.
- : Regular monitoring of all work areas should be carried out at all times, including areas that may not be equally ventilated.

DNELs/DMELs

Product/ingredient name	Туре	Exposure	Value	Population	Effects
Methyl n-Amyl Ketone	DNEL	Short term Inhalation	1516 mg/ m³	Workers	Systemic
	DNEL	Long term Dermal	54.27 mg/ kg	Workers	Systemic
	DNEL	Long term Inhalation		Workers	Systemic
	DNEL	Long term Dermal	23.32 mg/ kg bw/day	General population [Consumers]	Systemic
	DNEL	Long term Inhalation	84.31 mg/ m³	General population [Consumers]	Systemic
	DNEL	Long term Oral	23.32 mg/ kg bw/day	General population [Consumers]	Systemic
Methyl n-Propyl Ketone	DNEL	Long term Inhalation	209.38 mg/ m³	Workers	Systemic
	DNEL	Short term Inhalation	4784 mg/ m³	Workers	Systemic
	DNEL	Long term Dermal		Workers	Systemic

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		nai protootion	7	T =	1 -
	DNEL	Long term	62.5 mg/m ³		Systemic
		Inhalation		population	
	DNEL	Short term	4284 mg/	General	Systemic
	Ì	Inhalation	m³	population	
	DNEL	Long term Dermal	18 mg/kg	General	Systemic
	Ì		bw/day	population	
	DNEL	Long term Oral	18 mg/kg	General	Systemic
			bw/day	population	1
n-Butyl Acetate	DNEL	Short term	600 mg/m ³	Workers	Local
1		Inhalation		-	
	DNEL	Long term	300 mg/m ³	Workers	Local
		Inhalation	g/111		-
	DNEL	Short term	300 mg/m ³	General	Local
		Inhalation	mg/III	population	
	DNEL	Long term	35.7 mg/m³	General	Local
		Inhalation	33.7 mg/m²	population	
	DNEL	Innalation Long term Dermal	11 mg/kg	population Workers	Systemic
	DNEL	Short term Dermal	11 mg/kg 11 mg/kg	Workers	Systemic Systemic
1	DNEL	Long term Dermal	6 mg/kg	General	Systemic
	DVIE	Short to-	6 ma/1-	population	System:-
	DNEL	Short term Dermal	6 mg/kg	General	Systemic
	D	one to the second	0 "	population	C) rate
	DNEL	Long term Oral	2 mg/kg	General	Systemic
		Ok = of 1	0	population	0
	DNEL	Short term Oral	2 mg/kg	General	Systemic
			005	population	
Methyl Isobutyl Ketone	DNEL	Short term	208 mg/m ³	Workers	Systemic
		Inhalation			1
	DNEL	Short term	208 mg/m ³	Workers	Local
		Inhalation			
1	DNEL	Long term	83 mg/m³	Workers	Systemic
		Inhalation			
1	DNEL	Long term	83 mg/m³	Workers	Local
1		Inhalation	J		
1	DNEL	Long term Dermal	11.8 mg/	Workers	Systemic
1		=====================================	kg bw/day	-	-
1	DNEL	Short term	155.2 mg/	General	Systemic
		Inhalation	m ³	population	,
1				[Consumers]	
	DNEL	Short term	155.2 mg/	General	Local
	-1466	Inhalation	m ³	population	
				[Consumers]	
	DNEL	Long term	14.7 mg/m ³	[Consumers] General	Systemic
	PINEL	Long term Inhalation	i-t.r my/m	population	Сускоппо
		maiauUH			
	DNEL	ong torm	11 7 m=1-2	[Consumers]	Local
	PINEL	Long term	14.7 mg/m ³		Local
		Inhalation		population	
	D	one to -	4.0 "	[Consumers]	C) reference
	DNEL	Long term Dermal	4.2 mg/kg	General	Systemic
			bw/day	population	
			4.0	[Consumers]	[a , ·
	DNEL	Long term Oral	4.2 mg/kg	General	Systemic
			bw/day	population	
<u> </u>				[Consumers]	
Toluene	DNEL	Short term	226 mg/m ³	General	Systemic
		Inhalation		population	
				[Human via the	
				environment]	
	DNEL	Short term	226 mg/m ³	General	Local
1	-	Inhalation]	population	
				[Human via the	
1	Ì			[1

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				environment]	
	DNEL	Long term Dermal	226 mg/m ³	General	Systemic
				population	
				Human via the	
				environment]	
	DNEL	Long term	226 mg/kg	General	Systemic
		Inhalation	bw/day	population	, , , , , , , , , , , , , , , , , , , ,
		Imalation	Dividay	[Human via the	
				environment]	
	DNEL	Long term	56.5 mg/m ³	General	Systemic
	DIVLL	Inhalation	30.3 mg/m	population	Cysternic
		IIIIalalloII			
				[Human via the	
	DAIEI	4	0.40	environment]	0
	DNEL	Long term Oral	8.13 mg/	General	Systemic
			kg bw/day	population	
				[Human via the	
				environment]	
	DNEL	Long term	192 mg/m³	Workers	Systemic
		Inhalation			
	DNEL	Long term	192 mg/m³	Workers	Local
		Inhalation			
	DNEL	Short term	384 mg/m ³	Workers	Systemic
		Inhalation			
	DNEL	Short term	384 mg/m ³	Workers	Local
		Inhalation			
	DNEL	Long term Dermal	384 mg/kg	Workers	Systemic
			bw/day		
	DNEL	Long term	56.5 mg/m ³	General	Local
		Inhalation		population	
				[Consumers]	
Zinc Oxide	DNEL	Long term	5 mg/m³	Workers	Systemic
		Inhalation			
	DNEL	Long term	0.5 mg/m ³	Workers	Local
		Inhalation	3		
	DNEL	Long term Dermal	83 mg/kg	Workers	Systemic
			bw/day		_ , 5.55
	DNEL	Long term	2.5 mg/m ³	General	Systemic
		Inhalation		population	_ , 5.55
	DNEL	Long term Dermal	83 mg/kg	General	Systemic
		Long torm Dormal	bw/day	population	Systemis
	DNEL	Long term Oral	0.83 mg/	General	Systemic
	DIVLL	Long term Oral	kg bw/day	population	Cysternic
	1		ng bw/day	population	

PNECs

Product/ingredient name	Compartment Detail	Value	Method Detail
Methyl n-Amyl Ketone	Fresh water	0.0982 mg/l	-
	Marine water	0.00982 mg/l	-
	Fresh water sediment	1.89 mg/kg	-
	Marine water sediment	0.189 mg/kg	-
	Soil	0.321 mg/kg	-
	Sewage Treatment	12.5 mg/l	-
	Plant		
Methyl n-Propyl Ketone	Fresh water	0.11 mg/l	-
	Marine water	0.011 mg/l	-
	Fresh water sediment	0.717 mg/kg	-
	Marine water sediment	0.0717 mg/kg	-
	Soil	0.079 mg/kg	-
	Sewage Treatment	0.25 mg/l	-
	Plant		
n-Butyl Acetate	Fresh water	0.18 mg/l	-
•	Marine water	0.018 mg/l	-

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SECTION 8: Exposure controls/personal protection

	I=	h	
	Fresh water sediment	0.981 mg/kg	-
	Marine water sediment	0.0981 mg/kg	-
	Soil	0.0903 mg/kg	-
	Sewage Treatment	35.6 mg/l	-
	Plant		
Methyl Isobutyl Ketone	Fresh water	0.6 mg/l	-
, ,	Marine water	0.06 mg/l	-
	Sewage Treatment	27.5 mg/l	-
	Plant		
	Fresh water sediment	8.27 mg/kg dwt	-
	Marine water sediment	0.83 mg/kg dwt	-
	Soil	1.3 mg/kg dwt	-
Toluene	Fresh water sediment	0.68 mg/l	Assessment Factors
	Marine water sediment	0.68 mg/l	Assessment Factors
	Sewage Treatment	13.61 mg/l	Assessment Factors
	Plant		
	Soil	2.89 mg/kg	Assessment Factors
	Fresh water sediment	16.39 mg/kg dwt	-
	Marine water sediment	16.39 mg/kg dwt	-
Zinc Oxide	Fresh water	0.0206 mg/l	-
	Marine water	0.0061 mg/l	-
	Sewage Treatment	0.1 mg/l	-
	Plant	3	
	Fresh water sediment	117.8 mg/kg dwt	-
	Marine water sediment	56.5 mg/kg dwt	-
	Soil	35.6 mg/kg dwt	_
	33.1	polo mg, kg awt	

8.2 Exposure controls

Appropriate engineering controls

- : Provide adequate ventilation. Where reasonably practicable, this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and solvent vapors below the OEL, suitable respiratory protection must be worn.
- : Users are advised to consider national Occupational Exposure Limits or other equivalent values.

Individual protection measures

Hygiene measures

: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period.

Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Eye/face protection
Skin protection
Hand protection

Gloves

: Use safety eyewear designed to protect against splash of liquids.

: Wear suitable gloves tested to EN374.

: Gloves for short term exposure/splash protection (less than 10 min.): Nitrile>0.12 mm

Gloves for splash protection need to be changed immediately when in contact with chemicals.

Gloves for repeated or prolonged exposure (breakthrough time > 240 min.)

When the hazardous ingredients in Section 3 contain any of the following: Aromatic solvents (Xylene, Toluene) or Aliphatic solvents or Mineral Oil use: Polyvinyl alcohol

(PVA) gloves 0.2-0.3 mm

Otherwise use: Butyl gloves >0.3 mm

For long term exposure or spills (breakthrough time >480 min.): Use PE laminated

gloves as under gloves

Due to many conditions (e.g. temperature, abrasion) the practical usage of a chemical protective glove in practice may be much shorter than the permeation time

determined through testing.

The recommendation for the type or types of glove to use when handling this

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SECTION 8: Exposure controls/personal protection

product is based on information from the following source: Solvent resin manufacturers and European Solvents Industry Group (ESIG)

There is no one glove material or combination of materials that will give unlimited resistance to any individual or combination of chemicals.

The breakthrough time must be greater than the end use time of the product. The instructions and information provided by the glove manufacturer on use, storage, maintenance and replacement must be followed.

Gloves should be replaced regularly and if there is any sign of damage to the glove material

Always ensure that gloves are free from defects and that they are stored and used correctly.

The performance or effectiveness of the glove may be reduced by physical/chemical damage and poor maintenance.

Barrier creams may help to protect the exposed areas of the skin but should not be applied once exposure has occurred.

The user must check that the final choice of type of glove selected for handling this product is the most appropriate and takes into account the particular conditions of use, as included in the user's risk assessment.

Body protection

- : Personnel should wear antistatic clothing made of natural fibers or of hightemperature-resistant synthetic fibers.
- : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. When there is a risk of ignition from static electricity, wear anti-static protective clothing. For the greatest protection from static discharges, clothing should include anti-static overalls, boots and gloves. Refer to European Standard EN 1149 for further information on material and design requirements and test methods.

Other skin protection

: Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Respiratory protection

Use a properly fitted, particulate filter respirator complying with an approved standard if a risk assessment indicates this is necessary. Recommended: A2P2 (EN14387). Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Environmental exposure controls

: Do not allow to enter drains or watercourses.

Before use of this material please refer to the Exposure Scenario(s) if attached for the specific end use, control measures and additional PPE considerations. The information contained in this safety data sheet does not constitute the user's own assessment of workplace risks, as required by other health and safety legislation. The provisions of the national health and safety at work regulations apply to the use of this product at work.

SECTION 9: Physical and chemical properties

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

9.1 Information on basic physical and chemical properties

Appearance

Physical state : Liquid.

Color : Beige.

Odor : Solvent.

Odor threshold : Not Available (Not Tested).

pH : Not relevant/applicable due to nature of the product.

insoluble in water.

Melting point/freezing point: Not relevant/applicable due to nature of the product.

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SECTION 9: Physical and chemical properties

Initial boiling point and

boiling range

: 102°C

: Closed cup: 7°C [Pensky-Martens Closed Cup] Flash point

: 2.3 (butyl acetate = 1) Evaporation rate : Flammable liquid. **Flammability**

Lower and upper explosion

limit

: LEL: 1.1% (Methyl n-Amyl Ketone) UEL: 8.7% (Methyl n-Propyl Ketone)

: 3.7 kPa (27.8 mm Hg) Vapor pressure

Relative vapor density : 3.45 [Air = 1]

Relative density : 1.59

Solubility(ies)

Media	Result
cold water	Not soluble

water

Partition coefficient: n-octanol/: Not relevant/applicable due to nature of the product.

Auto-ignition temperature

Ingredient name	°C	°F	Method
Methyl n-Amyl Ketone	392	737.6	

Decomposition temperature

: Not relevant/applicable due to nature of the product.

Viscosity

: Kinematic (40°C): >20.5 mm²/s

Explosive properties Oxidizing properties

Under normal conditions of storage and use, hazardous reactions will not occur. : Under normal conditions of storage and use, hazardous reactions will not occur.

Particle characteristics

Median particle size

: Not relevant/applicable due to nature of the product.

9.2 Other information

Heat of combustion : 7.588 kJ/g

SECTION 10: Stability and reactivity

10.1 Reactivity : No specific test data related to reactivity available for this product or its ingredients.

: Stable under recommended storage and handling conditions (see Section 7). 10.2 Chemical stability

10.3 Possibility of hazardous reactions : Under normal conditions of storage and use, hazardous reactions will not occur.

10.4 Conditions to avoid : When exposed to high temperatures may produce hazardous decomposition

products.

10.5 Incompatible materials : Keep away from the following materials to prevent strong exothermic reactions:

oxidizing agents, strong alkalis, strong acids.

10.6 Hazardous decomposition products Decomposition products may include the following materials: carbon monoxide,

carbon dioxide, smoke, oxides of nitrogen.

Refer to Section 7: HANDLING AND STORAGE and Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION for additional handling information and protection of employees.

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SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

There are no data available on the mixture itself. Procedure used to derive the classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]. See Sections 2 and 3 for details.

Exposure to component solvent vapor concentrations in excess of the stated occupational exposure limit may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and, in extreme cases, loss of consciousness.

Solvents may cause some of the above effects by absorption through the skin. Repeated or prolonged contact with the mixture may cause removal of natural fat from the skin, resulting in non-allergic contact dermatitis and absorption through the skin.

If splashed in the eyes, the liquid may cause irritation and reversible damage.

Ingestion may cause nausea, diarrhea and vomiting.

This takes into account, where known, delayed and immediate effects and also chronic effects of components from short-term and long-term exposure by oral, inhalation and dermal routes of exposure and eye contact.

Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
Methyl n-Amyl Ketone	LD50 Oral	Rat	1600 mg/kg	-
Methyl n-Propyl Ketone	LD50 Dermal	Rabbit	6500 mg/kg	-
	LD50 Oral	Rat	1600 mg/kg	-
n-Butyl Acetate	LD50 Dermal	Rabbit	>17600 mg/kg	-
	LD50 Oral	Rat	10768 mg/kg	-
Methyl Isobutyl Ketone	LD50 Oral	Rat	2080 mg/kg	-
Toluene	LC50 Inhalation Vapor	Rat	49 g/m³	4 hours
	LD50 Oral	Rat	636 mg/kg	-
Maleic Anhydride	LD50 Dermal	Rabbit	2620 mg/kg	-
	LD50 Oral	Rat	400 mg/kg	-

Acute toxicity estimates

Route	ATE value
Oral	8722.22 mg/kg
Inhalation (vapors)	80.22 mg/l

Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
Methyl n-Amyl Ketone	Skin - Mild irritant	Rabbit	-	24 hours 14	-
				mg	
Methyl n-Propyl Ketone	Skin - Mild irritant	Rabbit	-	405 mg	-
n-Butyl Acetate	Eyes - Moderate irritant	Rabbit	-	100 mg	-
	Skin - Moderate irritant	Rabbit	-	24 hours 500	-
				mg	
Methyl Isobutyl Ketone	Eyes - Moderate irritant	Rabbit	-	24 hours 100	-
				uL	
	Eyes - Severe irritant	Rabbit	-	40 mg	-
	Skin - Mild irritant	Rabbit	-	24 hours 500	-
				mg	
Toluene	Eyes - Mild irritant	Rabbit	-	0.5 minutes	-
				100 mg	
	Eyes - Mild irritant	Rabbit	-	870 ug	-
	Eyes - Severe irritant	Rabbit	-	24 hours 2	-
				1	

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SECTION 11: Toxicological information

	Skin - Mild irritant	Pig	-	mg 24 hours 250	-
	Skin - Mild irritant	Rabbit	-	uL 435 mg	_
	Skin - Moderate irritant	Rabbit		24 hours 20	-
				mg	
	Skin - Moderate irritant	Rabbit	-	500 mg	-
Zinc Oxide	Eyes - Mild irritant	Rabbit	-	24 hours 500	-
				mg	
	Skin - Mild irritant	Rabbit	-	24 hours 500	-
				mg	
Maleic Anhydride	Eyes - Severe irritant	Rabbit	-	1 %	-

Conclusion/Summary

: Not available.

Sensitization

No data available

Conclusion/Summary

: Not available.

Mutagenicity

No data available

Carcinogenicity

No data available

Reproductive toxicity

No data available

Teratogenicity

No data available

Specific target organ toxicity (single exposure)

Product/ingredient name	Category	Route of exposure	Target organs
Methyl n-Amyl Ketone	Category 3	-	Narcotic effects
n-Butyl Acetate	Category 3	-	Narcotic effects
Methyl Isobutyl Ketone	Category 3	-	Narcotic effects
Toluene	Category 3	-	Narcotic effects

Specific target organ toxicity (repeated exposure)

Product/ingredient name	Category	Route of exposure	Target organs
Crystalline Silica, respirable powder	Category 1	inhalation	-
Toluene	Category 2	-	-
Maleic Anhydride	Category 1	inhalation	respiratory system

Aspiration hazard

Product/ingredient name	Result	
Toluene	ASPIRATION HAZARD - Category 1	

11.2 Information on other hazards

11.2.1 Endocrine disrupting properties

Not available.

11.2.2 Other information

Not available.

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SECTION 12: Ecological information

12.1 Toxicity

There are no data available on the mixture itself.

Do not allow to enter drains or watercourses.

Procedure used to derive the classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]. See Sections 2 and 3 for details.

Product/ingredient name	Result	Species	Exposure
Methyl n-Amyl Ketone	Acute LC50 131000 µg/l Fresh water	Fish - Pimephales promelas	96 hours
Zinc Phosphate	Acute LC50 90 μg/l Fresh water	Fish - Oncorhynchus mykiss	96 hours
Methyl n-Propyl Ketone	Acute LC50 1240000 µg/l Fresh water	Fish - Pimephales promelas	96 hours
n-Butyl Acetate	Acute LC50 32 mg/l Marine water	Crustaceans - Artemia salina	48 hours
	Acute LC50 18000 µg/l Fresh water	Fish - Pimephales promelas	96 hours
Methyl Isobutyl Ketone	Acute LC50 505000 µg/l Fresh water	Fish - Pimephales promelas	96 hours
	Chronic NOEC 78 mg/l Fresh water	Daphnia - <i>Daphnia magna</i>	21 days
	Chronic NOEC 168 mg/l Fresh water	Fish - Pimephales promelas -	33 days
		Embryo	
Toluene	Acute EC50 >433 ppm Marine water	Algae - Skeletonema costatum	96 hours
	Acute EC50 11600 µg/l Fresh water	Crustaceans - Gammarus	48 hours
		pseudolimnaeus - Adult	
	Acute EC50 6000 μg/l Fresh water	Daphnia - <i>Daphnia magna</i> -	48 hours
		Juvenile (Fledgling, Hatchling,	
		Weanling)	
	Acute LC50 5500 μg/l Fresh water	Fish - Oncorhynchus kisutch -	96 hours
		Fry	
	Chronic NOEC 1 mg/l Fresh water	Daphnia - <i>Daphnia magna</i>	21 days
Zinc Oxide	Acute IC50 1.85 mg/l Marine water	Algae - Skeletonema costatum	96 hours
	Acute LC50 98 μg/l Fresh water	Daphnia - <i>Daphnia magna</i> -	48 hours
		Neonate	
	Acute LC50 1.1 ppm Fresh water	Fish - Oncorhynchus mykiss	96 hours
Maleic Anhydride	Acute LC50 230 ppm Fresh water	Fish - <i>Gambusia affinis</i> - Adult	96 hours

12.2 Persistence and degradability

Product/ingredient name	Test	Result	Dose	Inoculum
No data available				

Conclusion/Summary: Not available.

Product/ingredient name	Aquatic half-life	Photolysis	Biodegradability
Methyl n-Amyl Ketone	-	-	Readily
n-Butyl Acetate	-	-	Readily
Methyl Isobutyl Ketone	-	-	Readily
Toluene	-	-	Readily

12.3 Bioaccumulative potential

Product/ingredient name	LogPow	BCF	Potential
Zinc Phosphate	-	60960	High
Toluene	-	90	Low
Zinc Oxide	-	28960	High

12.4 Mobility in soil

Soil/water partition coefficient (Koc)

: Not available.

Mobility : Not available.

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SECTION 12: Ecological information

12.5 Results of PBT and vPvB assessment

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

12.6 Endocrine disrupting properties

Not available.

12.7 Other adverse effects

No known significant effects or critical hazards.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product

Methods of disposal : The

: The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities

with jurisdiction.

Hazardous waste

: Yes.

European waste catalogue (EWC)

: waste paint and varnish containing organic solvents or other hazardous substances

08 01 11*

Disposal considerations

: Do not allow to enter drains or watercourses.

Dispose of according to all federal, state and local applicable regulations.

If this product is mixed with other wastes, the original waste product code may no

longer apply and the appropriate code should be assigned. For further information, contact your local waste authority.

Packaging

Methods of disposal

: The generation of waste should be avoided or minimized wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered

when recycling is not feasible.

Disposal considerations

: Using information provided in this safety data sheet, advice should be obtained from

the relevant waste authority on the classification of empty containers. Empty containers must be scrapped or reconditioned. Dispose of containers contaminated

by the product in accordance with local or national legal provisions.

European waste catalogue (EWC)

: packaging containing residues of or contaminated by hazardous substances 15 01

10

Special precautions

: This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Vapor from product

residues may create a highly flammable or explosive atmosphere inside the container. Do not cut, weld or grind used containers unless they have been cleaned thoroughly internally. Avoid dispersal of spilled material and runoff and contact with

soil, waterways, drains and sewers.

SECTION 14: Transport information

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SECTION 14: Transport information

	ADR/RID	IMDG	IATA
14.1 UN number or ID number	UN1263	UN1263	UN1263
14.2 UN proper shipping name	PAINT	PAINT. Marine pollutant (Zinc Phosphate, Zinc Oxide)	PAINT
14.3 Transport Hazard Class(es)/ Label(s)	3	3	3
14.4 Packing group	II	II	II
14.5 Environmental hazards	Yes.	Yes.	Yes. The environmentally hazardous substance mark is not required.
Additional information	The environmentally hazardous substance mark is not required when transported in sizes of ≤5 L or ≤5 kg. Special provisions 640 (C) Tunnel code D/E	The marine pollutant mark is not required when transported in sizes of ≤5 L or ≤5 kg. Emergency schedules F-E, S-E	The environmentally hazardous substance mark may appear if required by other transportation regulations.

user

14.6 Special precautions for : Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

14.7 Maritime transport in bulk according to IMO

: Not applicable.

Multi-modal shipping descriptions are provided for informational purposes and do not consider container sizes. The presence of a shipping description for a particular mode of transport (sea, air, etc.), does not indicate that the product is packaged suitably for that mode of transport. All packaging must be reviewed for suitability prior to shipment, and compliance with the applicable regulations is the sole responsibility of the person offering the product for transport. People loading and unloading dangerous goods must be trained on all of the risks deriving from the substances and on all actions in case of emergency situations.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture EU Regulation (EC) No. 1907/2006 (REACH)

Annex XIV - List of substances subject to authorization

Annex XIV

None of the components are listed.

Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles

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SECTION 15: Regulatory information

Product/ingredient name	%	Designation [Usage]
MIL-DTL-11195H Type II Fast Dry Lusterless Enamel 3.5 VOC Tan 686A 33446 Q2078	≥90	3
toluene	≤0.3	48
decamethylcyclopentasiloxane	≤0.1	70
octamethylcyclotetrasiloxane	<0.01	70
formaldehyde	<0.1	72
benzene	<0.1	5
		72

Labeling : Not applicable.

Other EU regulations

VOC content (2010/75/EU) : 21.7 w/w 344 g/l

Explosive precursors: Not applicable.

Seveso Directive

This product may add to the calculation for determining whether a site is within the scope of the Seveso Directive on major accident hazards.

National regulations

Product/ingredient name	List name	Name on list	Classification	Notes
Crystalline Silica, respirable powder	Exposure Limits	Quarzfeinstaub (alveolen-gängiges kristallines Siliziumdioxid)	Carc. C	-

15.2 Chemical Safety

: No Chemical Safety Assessment has been carried out.

Assessment

SECTION 16: Other information

Indicates information that has changed from previously issued version.

Abbreviations and

acronyms

: ATE = Acute Toxicity Estimate

CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No.

1272/2008]

DMEL = Derived Minimal Effect Level
DNEL = Derived No Effect Level

EUH statement = CLP-specific Hazard statement PBT = Persistent, Bioaccumulative and Toxic PNEC = Predicted No Effect Concentration RRN = REACH Registration Number

vPvB = Very Persistent and Very Bioaccumulative

N/A = Not available

Key literature references and sources for data

: Regulation (EC) No. 1272/2008 [CLP]

ADR = The European Agreement concerning the International Carriage of

Dangerous Goods by Road

IATA = International Air Transport Association IMDG = International Maritime Dangerous Goods

Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by

Commission Regulation (EU) 2020/878

Directive 2012/18/EU, and relative amendments & additions Directive 2008/98/EC, and relative amendments & additions Directive 2009/161/EU, and relative amendments & additions

CEPE Guidelines

Procedure used to derive the classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

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SECTION 16: Other information

SECTION 16: Other information					
Classif	fication	Justification			
Flam. Liq. 2, H225		On basis of test data			
STOT RE 2, H373		Calculation method			
Aquatic Chronic 2, H411		Calculation method			
Full text of abbreviated H	: H225	Highly flammable liquid and vapor.			
statements	H226	Flammable liquid and vapor.			
	H302	Harmful if swallowed.			
	H304	May be fatal if swallowed and enters airways.			
	H314	Causes severe skin burns and eye damage.			
	H315	Causes skin irritation.			
	H317	May cause an allergic skin reaction.			
	H318	Causes serious eye damage.			
	H319	Causes serious eye irritation.			
	H332	Harmful if inhaled.			
	H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.			
	H336	May cause drowsiness or dizziness.			
	H351	Suspected of causing cancer.			
	H361d	Suspected of damaging the unborn child.			
	H372	Causes damage to organs through prolonged or repeated exposure.			
	H373	May cause damage to organs through prolonged or repeated			
		exposure.			
	H400	Very toxic to aquatic life.			
	H410	Very toxic to aquatic life with long lasting effects.			
	H411	Toxic to aquatic life with long lasting effects.			
	H412	Harmful to aquatic life with long lasting effects.			
	EUH066	Repeated exposure may cause skin dryness or cracking.			
	EUH071	Corrosive to the respiratory tract.			
Full text of classifications	: Acute Tox. 4	ACUTE TOXICITY - Category 4			
[CLP/GHS]	Aquatic Acute 1	AQUATIC HAZARD (ACUTE) - Category 1			
	Aquatic Chronic				
	Aquatic Chronic				
	Aquatic Chronic				
	Asp. Tox. 1 Carc. 2	ASPIRATION HAZARD - Category 1 CARCINOGENICITY - Category 2			
	Eye Dam. 1	SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 1			
	Eye Irrit. 2	SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2			
	Flam. Liq. 2	FLAMMABLE LIQUIDS - Category 2			
	Flam. Liq. 3	FLAMMABLE LIQUIDS - Category 3			
	Repr. 2	TOXIC TO REPRODUCTION - Category 2			
	Resp. Sens. 1	RESPIRATORY SENSITIZATION - Category 1			
	Skin Corr. 1B	SKIN CORROSION/IRRITATION - Category 1B			
	Skin Irrit. 2	SKIN CORROSION/IRRITATION - Category 2			
	Skin Sens. 1A	SKIN SENSITIZATION - Category 1A			
	STOT RE 1	SPECIFIC TARGET ORGAN TOXICITY (REPEATED			
		EXPOSURE) - Category 1			
	STOT RE 2	SPECIFIC TARGET ORGAN TOXICITY (REPEATED			
	STOT SE 3	EXPOSURE) - Category 2 SPECIFIC TARGET ORGAN TOXICITY (SINGLE			
	0101023	EXPOSURE) - Category 3			
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SECTION 16: Other information

: If there is no previous validation date please contact your supplier for more information.

Version : 4.02

Notice to reader

In accordance with Regulation (EC) 1907/2006, REACH Regulation, Articles 31, 37, any required hazard-related information on the use of substances received as downstream user will be sent forward. Consequently, the safety data sheets for some products will contain a SUMI - Safe Use of Mixture Information - attached to the safety data sheet.

SUMI(s) will be added to the SDS for products if both the following conditions are met:

- The product is classified as hazardous for health
- The product contains one or more REACH-registered substances for which extended safety data sheets (exposure scenarios) have been provided

It is recommended that each customer or recipient of this Safety Data Sheet (SDS) study it carefully and consult resources, as necessary or appropriate, to become aware of and understand the data contained in this SDS and any hazards associated with the product. This information is provided in good faith and believed to be accurate as of the effective date herein. However, no warranty, express or implied, is given. The information presented here applies only to the product as shipped. The addition of any material can change the composition, hazards and risks of the product. Products shall not be repackaged, modified, or tinted except as specifically instructed by the manufacturer, including but not limited to the incorporation of products not specified by the manufacturer, or the use or addition of products in proportions not specified by the manufacturer. Regulatory requirements are subject to change and may differ between various locations and jurisdictions. The customer/buyer/user is responsible to ensure that his activities comply with all country, federal, state, provincial or local laws. The conditions for use of the product are not under the control of the manufacturer; the customer/buyer/user is responsible to determine the conditions necessary for the safe use of this product. The customer/buyer/user should not use the product for any purpose other than the purpose shown in the applicable section of this SDS without first referring to the supplier and obtaining written handling instructions. Due to the proliferation of sources for information such as manufacturer-specific SDS, the manufacturer cannot be responsible for SDSs obtained from any other source.

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