# SAFETY DATA SHEET

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

1.1 Product identifier	
Product name	: KEM® 400 Enamel - Flat Black
Product code	: F75B412

#### 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: Vals	spar	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 responsible for this SDS	:	sds@sherwin.com

## 1.4 Emergency telephone number

National advisory body/Poison Center				
Telephone number	: +431 406 43 43			
<u>Supplier</u>				
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 Acute Tox. 4, H332 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Carc. 1B, H350 Repr. 1B, H360D STOT SE 3, H335 STOT RE 2, H373 Asp. Tox. 1, H304 Aquatic Chronic 3, H412

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.

Date of issue/Date of revision	: 18, Apr, 2024	Date of previous issue	: 22, Jan, 2024	Version : 13	1/19

## **SECTION 2: Hazards identification**

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

#### 2.2 Label elements

Hazard pictograms



Signal word	:	Danger
Hazard statements	:	Highly flammable liquid and vapor. May be fatal if swallowed and enters airways. Causes skin irritation. Causes serious eye irritation. Harmful if inhaled. May cause respiratory irritation. May cause cancer. May damage the unborn child. May cause damage to organs through prolonged or repeated exposure. Harmful to aquatic life with long lasting effects.
Precautionary statements		
Prevention	:	Obtain special instructions before use. Wear protective gloves, protective clothing, eye protection, face protection, or hearing protection. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not breathe vapor.
Response	:	IF exposed or concerned: Get medical advice or attention. IF SWALLOWED: Immediately call a POISON CENTER or doctor.
Storage	:	Not applicable.
Disposal	:	Not applicable.
Hazardous ingredients	:	Xylene, mixed isomers Zirconium 2-Ethylhexanoate Methyl Ethyl Ketoxime
Supplemental label elements	:	Contains cobalt bis(2-ethylhexanoate) and butanone oxime. May produce an allergic reaction. FOR INDUSTRIAL USE ONLY
Special packaging requiren	nen	ts

Not applicable.

<u>2.3 Other hazards</u>	
	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

# Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II

KEM® 400 Enamel - Flat Black

## F75B412

## **SECTION 3: Composition/information on ingredients**

Product/ingredient name	Identifiers	%	Classification	Specific Conc. Limits, M-factors and ATEs	Туре
Xylene, mixed isomers	REACH #: 01-2119488216-32 EC: 215-535-7 CAS: 1330-20-7 Index: 601-022-00-9	≥25 - ≤50	Flam. Liq. 3, H226 Acute Tox. 4, H312 Acute Tox. 4, H332 Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335 STOT RE 2, H373 Asp. Tox. 1, H304	ATE [Dermal] = 1100 mg/kg ATE [Inhalation (gases)] = 6700 ppm	[1] [2]
Lt. Aliphatic Hydrocarbon Solvent	EC: 265-192-2 CAS: 64742-89-8 Index: 649-267-00-0	≤10	Flam. Liq. 2, H225 Asp. Tox. 1, H304	-	[1]
Ethylbenzene	REACH #: 01-2119489370-35 EC: 202-849-4 CAS: 100-41-4 Index: 601-023-00-4	<10	Flam. Liq. 2, H225 Acute Tox. 4, H332 STOT RE 2, H373 (hearing organs) Asp. Tox. 1, H304 Aquatic Chronic 3, H412	ATE [Inhalation (vapours)] = 11 mg/ I	[1] [2]
Solvent naphtha (petroleum), light arom.	REACH #: 01-2119455851-35 CAS: 128601-23-0 Index: 649-356-00-4	≤3	Flam. Liq. 3, H226 STOT SE 3, H335 STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Chronic 2, H411 EUH066	-	[1]
Zirconium 2-Ethylhexanoate	REACH #: 01-2119979088-21 EC: 245-018-1 CAS: 22464-99-9	≤1	Repr. 1B, H360D	-	[1] [2]
Med. Aliphatic Hydrocarbon Solvent	EC: 265-191-7 CAS: 64742-88-7 Index: 649-405-00-X	<1	Flam. Liq. 3, H226 STOT RE 1, H372 (central nervous system (CNS)) Asp. Tox. 1, H304 Aquatic Chronic 2, H411 EUH066	-	[1]
n-Butyl Acetate	REACH #: 01-2119485493-29 EC: 204-658-1 CAS: 123-86-4 Index: 607-025-00-1	<1	Flam. Liq. 3, H226 STOT SE 3, H336 EUH066	-	[1] [2]
Cobalt 2-Ethylhexanoate	REACH #: 01-2119524678-29 EC: 205-250-6 CAS: 136-52-7	<0.3	Eye Irrit. 2, H319 Skin Sens. 1, H317 Repr. 1B, H360F Aquatic Acute 1, H400 Aquatic Chronic 3, H412	M [Acute] = 1	[1] [2]
Methyl Ethyl Ketoxime	REACH #: 01-2119539477-28 EC: 202-496-6 CAS: 96-29-7 Index: 616-014-00-0	≤0.3	Acute Tox. 3, H301 Acute Tox. 4, H312 Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens. 1, H317 Carc. 1B, H350 STOT SE 1, H370 (upper respiratory tract) STOT SE 3, H336	ATE [Oral] = 100 mg/kg ATE [Dermal] = 1100 mg/kg	[1] [2]
Date of issue/Date of revision	: 18, Apr, 2024	Date of previ	ous issue : 22, Jan, 2024	Version : 13	3/

## **SECTION 3: Composition/information on ingredients**

STOT RE 2, H373
(blood system)
See Section 16 for
the full text of the H
statements declared
above.

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

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	<ul> <li>Remove contact lenses, irrigate copiously with clean, fresh water, holding the eyelids apart for at least 10 minutes and seek immediate medical advice.</li> </ul>
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	<ul> <li>Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water or use recognized skin cleanser. Do NOT use solvents or thinners.</li> </ul>
Ingestion	<ul> <li>If swallowed, seek medical advice immediately and show this container or label.</li> <li>Keep person warm and at rest. Do NOT induce vomiting.</li> </ul>
Protection of first-aiders	: No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

## 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, 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.

Contains cobalt bis(2-ethylhexanoate), butanone oxime. May produce an allergic reaction.

## 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.

Date of issue/Date of revision	: 18, Apr, 2024	Date of previous issue	<b>:</b> 22, Jan, 2024	Version : 13	4/19

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

KEM® 400 Enamel - Flat Black

## F75B412

## SECTION 4: First aid measures

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, CO <sub>2</sub> , powders, water spray or mist.	
Unsuitable extinguishing media	:	Do not use water jet.	
5.2 Special hazards arising fr	on	n 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 r	el	ease measures	
6.1 Personal precautions, pro	ote	ctive 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.	
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.	

 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).

KEIWI® 400 Enamei - Fial

## F75B412

SECTION 7: Handling a	and storage
7.1 Precautions for safe handling	<ul> <li>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.</li> <li>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.</li> <li>Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed.</li> <li>Put on appropriate personal protective equipment (see Section 8). Never use pressure to empty. Container is not a pressure vessel.</li> <li>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.</li> <li>Information on fire and explosion protection</li> <li>Vapors are heavier than air and may spread along floors. Vapors may form explosive mixtures with air.</li> <li>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.</li> </ul>
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 resealed and kept upright to prevent leakage.
7.3 Specific end use(s)	Contaminated absorbent material may pose the same hazard as the spilled product.
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.

KEM® 400 Enamel - Flat Black

## F75B412

## **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
Xylene, mixed isomers	Regulation on Limit Values - MAC (Austria, 4/2021). [Xylenes
	(all isomers)]
	PEAK: 442 mg/m <sup>3</sup> , 4 times per shift, 15 minutes.
	TWA: 50 ppm 8 hours.
	PEAK: 100 ppm, 4 times per shift, 15 minutes.
	TWA: 221 mg/m <sup>3</sup> 8 hours.
Ethylbenzene	Regulation on Limit Values - MAC (Austria, 4/2021). Absorbed
	through skin.
	TWA: 100 ppm 8 hours.
	TWA: 440 mg/m <sup>3</sup> 8 hours.
	CEIL: 200 ppm, 8 times per shift, 5 minutes. CEIL: 880 mg/m³, 8 times per shift, 5 minutes.
Zireenium O. Ethydheyeneete	<b>.</b>
Zirconium 2-Ethylhexanoate	Regulation on Limit Values - MAC (Austria, 4/2021). [Compounds of zirconium]
	TWA: 5 mg/m <sup>3</sup> , (measured as Zr) 8 hours. Form: inhalable fraction
n-Butyl Acetate	Regulation on Limit Values - MAC (Austria, 4/2021). [Butyl
II-Buly Acetale	acetate (all isomers except tert-butyl acetate)]
	CEIL: 480 mg/m <sup>3</sup>
	CEIL: 100 ppm
	TWA: 241 mg/m <sup>3</sup> 8 hours.
	TWA: 50 ppm 8 hours.
Cobalt 2-Ethylhexanoate	<b>Regulation on Limit Values - Technical Guidance Values</b>
-	(Austria, 4/2021). [Cobalt and its compounds] Absorbed
	through skin. Skin sensitizer. Inhalation sensitizer.
	TWA: 0.1 mg/m <sup>3</sup> , (measured as Co) 8 hours. Form: inhalable
	fraction
	PEAK: 0.4 mg/m <sup>3</sup> , (measured as Co), 4 times per shift, 15
	minutes. Form: inhalable fraction
Methyl Ethyl Ketoxime	Regulation on Limit Values - MAC (Austria, 4/2021). Skin
	sensitizer.

#### **Biological exposure indices**

Product/ingredient name	Exposure indices
xylene	VGU BEI (Austria, 9/2020) [xylenes] BEI Fitness: 1000 µg/l, xylene [in blood]. Sampling time: one year. BEI Fitness: 1.5 g/l, methylhippuricacid [in urine]. Sampling time: one year.
cobalt bis(2-ethylhexanoate)	<b>VGU BEI (Austria, 9/2020) [cobalt or its compounds]</b> BEI Fitness: 10 μg/l, cobalt [in urine]. Sampling time: one year.
procedures European Star assessment of values and me atmospheres - of exposure to (Workplace atr for the measur	uld be made to monitoring standards, such as the following: dard EN 689 (Workplace atmospheres - Guidance for the exposure by inhalation to chemical agents for comparison with limit asurement strategy) European Standard EN 14042 (Workplace Guide for the application and use of procedures for the assessment chemical and biological agents) European Standard EN 482 mospheres - General requirements for the performance of procedures ement of chemical agents) Reference to national guidance methods for the determination of hazardous substances will also be

## **SECTION 8: Exposure controls/personal protection**

: 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
Xylene, mixed isomers	DNEL	Long term Dermal	212 mg/m <sup>3</sup>	Workers	Systemic
	DNEL	Long term Dermal	125 mg/kg	General	Systemic
		Ū		population	
	DNEL	Long term	221 mg/m <sup>3</sup>	Workers	Systemic
		Inhalation	_		-
	DNEL	Short term	289 mg/m <sup>3</sup>	Workers	Systemic
		Inhalation	_		-
	DNEL	Short term	442 mg/m <sup>3</sup>	Workers	Local
		Inhalation			
	DNEL	Long term	65.3 mg/m <sup>3</sup>	General	Systemic
		Inhalation		population	
	DNEL	Short term	260 mg/m <sup>3</sup>	General	Local
		Inhalation		population	
	DNEL	Short term	174 mg/m³	General	Systemic
		Inhalation		population	
	DNEL	Long term Oral	1.5 mg/kg	General	Systemic
				population	
Solvent naphtha (petroleum), light	DNEL	Long term Dermal	25 mg/kg	Workers	Systemic
arom.			bw/day		Questions
	DNEL	Long term	150 mg/m <sup>3</sup>	Workers	Systemic
		Inhalation	11 maller	Conoral	Sustamia
	DNEL	Long term Dermal	11 mg/kg bw/day	General population	Systemic
			Dw/uay		
	DNEL	Long torm	32 mg/m³	[Consumers] General	Systemic
	DNEL	Long term Inhalation	SZ IIIg/III	population	Systemic
		IIIIalation		[Consumers]	
	DNEL	Long term Oral	11 mg/kg	General	Systemic
			bw/day	population	Oysternic
			Dw/day	[Consumers]	
Med. Aliphatic Hydrocarbon Solvent	DNEL	Long term	871 mg/m³	Workers	Systemic
		Inhalation	or ring/m	W ON CON	Cysternio
	DNEL	Long term Dermal	208 mg/kg	Workers	Systemic
			bw/day		- )
	DNEL	Long term	185 mg/m <sup>3</sup>	General	Systemic
		Inhalation		population	- )
				[Consumers]	
	DNEL	Long term Oral	125 mg/kg	General	Systemic
			bw/day	population	
				[Consumers]	
	DNEL	Long term Dermal	125 mg/kg	General	Systemic
		-	bw/day	population	-
				[Consumers]	
n-Butyl Acetate	DNEL	Short term	600 mg/m³	Workers	Local
		Inhalation			
	DNEL	Long term	300 mg/m³	Workers	Local
		Inhalation			
	DNEL	Short term	300 mg/m³	General	Local
		Inhalation		population	
	DNEL	Long term	35.7 mg/m <sup>3</sup>	General	Local
		Inhalation		population	
	DNEL	Long term Dermal	11 mg/kg	Workers	Systemic
	DNEL	Short term Dermal	11 mg/kg	Workers	Systemic
	DNEL	Long term Dermal	6 mg/kg	General	Systemic
	DNEL	Short term Dermal		population	
		N nort torm Dormol	6 mg/kg	General	Systemic

## **SECTION 8: Exposure controls/personal protection**

DNE		-	2 mg/kg	population General population	Systemic
DNE	LS	Short term Oral	0 0	General population	Systemic

#### **PNECs**

Product/ingredient name	Compartment Detail	Value	Method Detail
n-Butyl Acetate	Fresh water	0.18 mg/l	-
	Marine water	0.018 mg/l	-
	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	0	

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 mea	<u>isures</u>
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	Use safety eyewear designed to protect against splash of liquids.
Skin protection	
Hand protection	: Wear suitable gloves tested to EN374.
Gloves	<ul> <li>Gloves for short term exposure/splash protection (less than 10 min.): Nitrile&gt;0.12 mm</li> <li>Gloves for splash protection need to be changed immediately when in contact with chemicals.</li> <li>Gloves for repeated or prolonged exposure (breakthrough time &gt; 240 min.)</li> <li>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</li> <li>Otherwise use: Butyl gloves &gt;0.3 mm</li> <li>For long term exposure or spills (breakthrough time &gt;480 min.): Use PE laminated gloves as under gloves</li> <li>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.</li> <li>The recommendation for the type or types of glove to use when handling this product is based on information from the following source: Solvent resin manufacturers and European Solvents Industry Group (ESIG)</li> </ul>
	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
Date of issue/Date of revision	: 18 Apr 2024 Data of provious issue : 22 Jan 2024 Version : 13 0/10

## SECTION 8: Exposure controls/personal protection

	P
	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	<ul> <li>Personnel should wear antistatic clothing made of natural fibers or of high- temperature-resistant synthetic fibers.</li> </ul>
	: 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	<ul> <li>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.</li> </ul>
Respiratory protection	<ul> <li>Application methods: Brush or roller. Approved/certified respirator with organic vapor cartridge. Filter type: A2 P2 (EN14387).</li> <li>Manual spraying. Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary.</li> </ul>
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

<u>Appearance</u>		
Physical state	: Liquid.	
Color	: Black.	
Odor	: Solvent.	
Odor threshold	: Not Available (Not Tested).	
рН	<ul> <li>Not relevant/applicable due to nature of the product. insoluble in water.</li> </ul>	
Melting point/freezing point	: Not relevant/applicable due to nature of the product.	
Initial boiling point and boiling range	: 115°C	
Flash point	: Closed cup: 13°C [Pensky-Martens Closed Cup]	
Evaporation rate	: 1.5 (butyl acetate = 1)	
Flammability	: Flammable liquid.	
Lower and upper explosion limit	<ul> <li>LEL: 0.7% (Light Aromatic Hydrocarbons)</li> <li>UEL: 7% (Xylene, mixed isomers)</li> </ul>	
Vapor pressure	: 1.6 kPa (12 mm Hg)	
Relative vapor density	: 3.66 [Air = 1]	
Date of issue/Date of revision : 18,	Apr, 2024 Date of previous issue : 22, Jan, 2024 Version : 13	10/19

## SECTION 9: Physical and chemical properties

Relative density	: 1.06	
Solubility(ies)	:	
Media	Result	
cold water	Not soluble	

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

2

## Auto-ignition temperature

Ingredient name Solvent naphtha (petroleum), light arom.			°C	°F		Method	
		450	842				
Decomposition temperature	:	Not rele	evant/applica	able due to na	ture of the p	product.	
Viscosity	:	: Kinematic (40°C): <20.5 mm²/s					
Explosive properties	:	Under n	normal cond	litions of stora	ge and use,	, hazardous reactions will not occur	
Oxidizing properties	:	Under n	normal cond	litions of stora	ge and use,	hazardous reactions will not occur	
Particle characteristics							
Median particle size	:	Not rele	vant/applica	able due to na	ture of the p	product.	
9.2 Other information							
Heat of combustion	:	17.67 k	J/g				
SECTION 10: Stability an	d rea	ctivity					
10.1 Reactivity	: No	specific	test data re	lated to reacti	vity availabl	e for this product or its ingredients.	
10.2 Chemical stability	: Sta	ble unde	er recomme	nded storage	and handlin	g conditions (see Section 7).	
10.3 Possibility of hazardous reactions	: Un	der norm	nal conditior	ns of storage a	and use, haz	zardous reactions will not occur.	
10.4 Conditions to avoid		ien expo ducts.	sed to high	temperatures	may produc	ce hazardous decomposition	
10.5 Incompatible materials				llowing materi g alkalis, stror	•	nt strong exothermic reactions:	
10.6 Hazardous decomposition products				ts may include , oxides of niti		ng materials: carbon monoxide,	

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

## **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.

## Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II

KEM® 400 Enamel - Flat Black

#### F75B412

## **SECTION 11: Toxicological information**

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.

Contains cobalt bis(2-ethylhexanoate), butanone oxime. May produce an allergic reaction.

## Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
Xylene, mixed isomers	LC50 Inhalation Gas.	Rat	6700 ppm	4 hours
	LD50 Oral	Rat	4300 mg/kg	-
Ethylbenzene	LD50 Dermal	Rabbit	>5000 mg/kg	-
	LD50 Oral	Rat	3500 mg/kg	-
Solvent naphtha (petroleum), light arom.	LD50 Oral	Rat	8400 mg/kg	-
Zirconium 2-Ethylhexanoate	LD50 Dermal	Rabbit	>5 g/kg	-
	LD50 Oral	Rat	>5 g/kg	-
n-Butyl Acetate	LD50 Dermal	Rabbit	>17600 mg/kg	-
	LD50 Oral	Rat	10768 mg/kg	-
Cobalt 2-Ethylhexanoate	LD50 Dermal	Rabbit	>5 g/kg	-
	LD50 Oral	Rat	1.22 g/kg	-
Methyl Ethyl Ketoxime	LD50 Oral	Rat	930 mg/kg	-

#### Acute toxicity estimates

Route	ATE value
Oral	47651.31 mg/kg
Dermal	3066.8 mg/kg
Inhalation (gases)	18679.62 ppm
Inhalation (vapors)	173.22 mg/l

#### Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
Xylene, mixed isomers	Eyes - Mild irritant	Rabbit	-	87 mg	-
	Eyes - Severe irritant	Rabbit	-	24 hours 5	-
	-			mg	
	Skin - Mild irritant	Rat	-	8 hours 60 uL	-
	Skin - Moderate irritant	Rabbit	-	100 %	-
	Skin - Moderate irritant	Rabbit	-	24 hours 500	-
				mg	
Ethylbenzene	Eyes - Severe irritant	Rabbit	-	500 mg	-
	Skin - Mild irritant	Rabbit	-	24 hours 15	-
				mg	
Solvent naphtha (petroleum),	Eyes - Mild irritant	Rabbit	-	24 hours 100	-
light arom.				uL	
n-Butyl Acetate	Eyes - Moderate irritant	Rabbit	-	100 mg	-
	Skin - Moderate irritant	Rabbit	-	24 hours 500	-
				mg	
Methyl Ethyl Ketoxime	Eyes - Severe irritant	Rabbit	-	100 uL	-
Conclusion/Summary	: Not available.				

SHW-A4-EU-CLP44-AT

KEM® 400 Enamel - Flat Black

## F75B412

## **SECTION 11: Toxicological information**

## 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
Xylene, mixed isomers	Category 3	-	Respiratory tract irritation
Solvent naphtha (petroleum), light arom.	Category 3	-	Respiratory tract irritation
	Category 3		Narcotic effects
n-Butyl Acetate	Category 3	-	Narcotic effects
Methyl Ethyl Ketoxime	Category 1	-	upper respiratory tract
	Category 3		Narcotic effects

## Specific target organ toxicity (repeated exposure)

Product/ingredient name	Category	Route of exposure	Target organs
Xylene, mixed isomers Ethylbenzene	Category 2 Category 2	-	- hearing organs
Med. Aliphatic Hydrocarbon Solvent	Category 1	-	central nervous system (CNS)
Methyl Ethyl Ketoxime	Category 2	-	blood system

#### Aspiration hazard

Product/ingredient name	Result
Xylene, mixed isomers	ASPIRATION HAZARD - Category 1
Lt. Aliphatic Hydrocarbon Solvent	ASPIRATION HAZARD - Category 1
Ethylbenzene	ASPIRATION HAZARD - Category 1
Solvent naphtha (petroleum), light arom.	ASPIRATION HAZARD - Category 1
Med. Aliphatic Hydrocarbon Solvent	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.

## **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
Xylene, mixed isomers	Acute LC50 8500 µg/l Marine water	Crustaceans - <i>Palaemonetes</i>	48 hours
	Acute LC50 13400 µg/l Fresh water	Fish - <i>Pimephales promelas</i>	96 hours
Lt. Aliphatic Hydrocarbon Solvent	Acute LC50 >100000 ppm Fresh water	Fish - Oncorhynchus mykiss	96 hours
Ethylbenzene	Acute EC50 4900 µg/l Marine water	Algae - Skeletonema costatum	72 hours
	Acute EC50 7700 µg/l Marine water	Algae - Skeletonema costatum	96 hours
	Acute EC50 6.53 mg/l Marine water	Crustaceans - <i>Artemia sp.</i> - Nauplii	48 hours
	Acute EC50 2.93 mg/l Fresh water	Daphnia - <i>Daphnia magna</i> - Neonate	48 hours
	Acute LC50 4200 µg/l Fresh water	Fish - Oncorhynchus mykiss	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 Ethyl Ketoxime	Acute LC50 843000 µg/l Fresh water	Fish - Pimephales promelas	96 hours

## 12.2 Persistence and degradability

Product/ingredient name	Test	Result		Dose		Inoculum
No data available						
Conclusion/Summary	: Not available.	1				
Product/ingredient name	Aquatic half-life		Photolysis		Biodeg	radability
Xylene, mixed isomers Ethylbenzene n-Butyl Acetate	- - -		-		Readily Readily Readily	,

#### 12.3 Bioaccumulative potential

Product/ingredient name	LogPow	BCF	Potential
Xylene, mixed isomers	-	8.1 to 25.9	Low
Lt. Aliphatic Hydrocarbon	-	10 to 2500	High
Solvent			-
Solvent naphtha (petroleum),	-	10 to 2500	High
light arom.			-
Zirconium 2-Ethylhexanoate	-	2.96	Low
Cobalt 2-Ethylhexanoate	-	15600	High
Methyl Ethyl Ketoxime	-	2.5 to 5.8	Low

12.4 Mobility in soil	
Soil/water partition coefficient (Koc)	: Not available.
Mobility	: Not available.

## 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.

## **SECTION 12: Ecological information**

## 12.6 Endocrine disrupting properties

Not available.

## 12.7 Other adverse effects

No known significant effects or critical hazards.

SECTION 13: Disposal of	on	siderations
13.1 Waste treatment metho	ds	
<u>Product</u>		
Methods of disposal	:	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**

	ADR/RID	IMDG	ΙΑΤΑ
14.1 UN number or ID number	UN1263	UN1263	UN1263
14.2 UN proper shipping name	PAINT	PAINT	PAINT
14.3 Transport Hazard Class(es)/ Label(s)	3	3	3
Date of issue/Date of rev	ision : 18, Apr, 2024	Date of previous issue : 22, Jan, 2024	Version : 13 15/19 SHW-A4-EU-CLP44-AT

Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II KEM® 400 Enamel - Flat Black F75B412 **SECTION 14: Transport information** Ш Ш Ш 14.4 Packing group 14.5 No. No. No. Environmental hazards Additional Special provisions 640 (C) Emergency schedules F-E, information Tunnel code D/E S-E

**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**: Not applicable.**bulk according to IMOinstruments** 

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

Product/ingredient name	%	Designation [Usage]
KEM® 400 Enamel	≥90	3
		28
		30
2-ethylhexanoic acid, zirconium salt	≤1	30
butanone oxime	≤0.3	28
toluene	≤0.1	48
2-(2-methoxyethoxy)ethanol	≤0.1	54
benzene	<0.1	5
		72

Labeling			Restricted to professional user	
Other EU regula	<u>ations</u>			
VOC content	(2010/75/EU)	:	54.9 583	
				-

## **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

16/19

KEM® 400 Enamel - Flat Black

## F75B412

## **SECTION 15: Regulatory information**

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	<ul> <li>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</li> </ul>
Key literature references and sources for data	<ul> <li>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 &amp; additions Directive 2008/98/EC, and relative amendments &amp; additions Directive 2009/161/EU, and relative amendments &amp; additions CEPE Guidelines</li> </ul>

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

## **SECTION 16: Other information**

Classifica	tion	
		Justification
Flam. Liq. 2, H225 Acute Tox. 4, H332 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Carc. 1B, H350 Repr. 1B, H360D STOT SE 3, H335 STOT RE 2, H373 Asp. Tox. 1, H304 Aquatic Chronic 3, H412		On basis of test data Calculation method Calculation method Calculation method Calculation method Calculation method Calculation method Calculation method Calculation method
Full text of abbreviated H statements	H225 H226 H301 H304 H312 H315 H317 H318 H319 H332 H335 H336 H350 H360D H360F H370 H372 H373 H400 H411 H412 EUH066	Highly flammable liquid and vapor. Flammable liquid and vapor. Toxic if swallowed. May be fatal if swallowed and enters airways. Harmful in contact with skin. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye damage. Causes serious eye damage. Causes serious eye irritation. Harmful if inhaled. May cause respiratory irritation. May cause drowsiness or dizziness. May cause drowsiness or dizziness. May cause cancer. May damage the unborn child. May damage fertility. Causes damage to organs. Causes damage to organs through prolonged or repeated exposure. May cause damage to organs through prolonged or repeated exposure. Very toxic to aquatic life. Toxic to aquatic life with long lasting effects. Harmful to aquatic life with long lasting effects. Repeated exposure may cause skin dryness or cracking.
Full text of classifications : [CLP/GHS]	Acute Tox. 3 Acute Tox. 4 Aquatic Acute 1 Aquatic Chronic 2 Aquatic Chronic 2 Asp. Tox. 1 Carc. 1B Eye Dam. 1 Eye Irrit. 2 Flam. Liq. 2 Flam. Liq. 2 Flam. Liq. 3 Repr. 1B Skin Irrit. 2 Skin Sens. 1 STOT RE 1 STOT RE 2 STOT SE 1 STOT SE 3	<ul> <li>AQUATIC HAZARD (LONG-TERM) - Category 3         ASPIRATION HAZARD - Category 1         CARCINOGENICITY - Category 1B         SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 1         SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2         FLAMMABLE LIQUIDS - Category 2         FLAMMABLE LIQUIDS - Category 3         TOXIC TO REPRODUCTION - Category 1B         SKIN CORROSION/IRRITATION - Category 2         SKIN SENSITIZATION - Category 1         SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 2         SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 2         SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) - Category 1         SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) - Category 1         SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) - Category 1         SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) - CATEGORY 1         SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) - CATEGORY 1         SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) - CATEGORY 1         SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) - CATEGORY 1         SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) - CATEGORY 1         SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) - CATEGORY 1         SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) - CATEGORY 1         SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) - CATEGORY 1         SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) - CATEGORY 1         SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) - CATEGORY 1         SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) - CATEGORY 1         SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) - CATEGORY 1         SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) - CATEGORY 1         SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) - CATEGORY 1         SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) - CAT</li></ul>
	18, Apr, 2024. Apr, 2024	EXPOSURE) - Category 3         Date of previous issue       : 22, Jan, 2024       Version       : 13       18/19

SHW-A4-EU-CLP44-AT

## **SECTION 16: Other information**

Date of issue/ Date of revision	: 18, Apr, 2024
Date of previous issue	: 22, Jan, 2024
	<ul> <li>If there is no previous validation date please contact your supplier for more information.</li> </ul>
Version	: 13

#### 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 reguirements 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.