

SAFETY DATA SHEET in accordance with 2020/878/EU (REACH, Annex II) 29 CFR 1910.1200, WHMIS 2015 and Safe Work Australia
Revision date:       26 September 2023       Date of previous issue:       14 December 2018       SDS No.       472A-2
SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING
1.1. Product identifier
ARC S5 (Part A) (LTGY, MDGY)
Unique Formula Identifier (UFI): Not available
1.2. Relevant identified uses of the substance or mixture and uses advised against
<b>Relevant identified uses:</b> Combined with ARC S5 (Part B), for use as a thin film coating on properly prepared surfaces for high temperature applications.
Uses advised against: No information available
Reason why uses advised against: Not applicable
1.3. Details of the supplier of the safety data sheet
A.W. CHESTERTON COMPANY 860 Salem Street Groveland, MA 01834-1507, USA Tel. +1 978-469-6446 Fax: +1 978-469-6785 (Mon Fri. 8:30 - 5:00 PM EST) SDS requests: www.chesterton.com E-mail (SDS questions): ProductSDSs@chesterton.com E-mail: customer.service@chesterton.com
Canada: A.W. Chesterton Company Ltd., 889 Fraser Drive, Unit 105, Burlington, Ontario L7L 4X8 – Tel. 905-335-5055 EU: Chesterton International GmbH, Am Lenzenfleck 23, D85737 Ismaning, Germany – Tel. +49-89-996-5460
1.4. Emergency telephone number
24 hours per day, 7 days per week Call Infotrac: 1-800-535-5053 Outside N. America: +1 352-323-3500 (collect) NSW Poisons Information Centre (Australia): 13 11 26
SECTION 2: HAZARDS IDENTIFICATION
2.1. Classification of the substance or mixture
2.1.1. Classification according to Regulation (EC) No 1272/2008 [CLP] / 29 CFR 1910.1200 / WHMIS 2015 / Safe Work Australia / GHS
Skin irritation, Category 2, H315 Skin sensitization, Category 1, H317 Serious eye damage, Category 1, H318 Hazardous to the aquatic environment, Chronic, Category 2, H411
2.1.2. Additional information
For full text of H-statements: see SECTIONS 2.2 and 16.
2.2. Label elements
Labelling according to Regulation (EC) No 1272/2008 [CLP] / 29 CFR 1910.1200 / WHMIS 2015 / Safe Work Australia / GHS
Hazard pictograms:

Signal word:



Hazard statements:	H318 H315 H317 H411	Causes serious eye damage. Causes skin irritation. May cause an allergic skin reaction. Toxic to aquatic life with long lasting effects.
Precautionary statements:	P261 P264 P272 P273 P280 P302/352 P305/351/338 P310 P333/313 P362/364 P391 P501	Avoid breathing mist/vapours. Wash skin thoroughly after handling. Contaminated work clothing must not be allowed out of the workplace. Avoid release to the environment. Wear protective gloves and eye/face protection. IF ON SKIN: Wash with plenty of soap and water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse. Collect spillage. Dispose of contents/container to an approved waste disposal plant.
Supplemental information:	None	

# 2.3. Other hazards

The safety and health hazards are detailed separately by part. The final cured material is considered nonhazardous. Upon machining, refer to the precautions in the safety data sheets for Part A and Part B.

SECTION 3: COMPOSITION/INFORMA	TION ON IN	NGREDIENTS			
3.2. Mixtures					
Hazardous Ingredients <sup>1</sup>	% Wt.	CAS No./ EC No.	REACH Reg. No.	CLP/GHS Classification	SCL, M-factor, ATE
Epoxy resin (number average molecular weight <= 700)	25-35	9003-36-5 * 500-006-8	NA	Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Chronic 2, H411	ATE (oral): 5,000 mg/kg ATE (dermal): > 2,000 mg/kg
Glycidoxypropyltrimethoxysilane	5-10	2530-83-8 219-784-2	NA	Eye Dam. 1, H318	ATE (oral): 8,025 mg/kg ATE (dermal): 4,248 mg/kg ATE (inhalation, mist): > 5.3. mg/l
2-Methoxy-1-methylethyl acetate	0.1-0.5	108-65-6 203-603-9	NA	Flam. Liq. 3, H226* STOT SE 3, H336	ATE (oral): 5,155 mg/kg ATE (dermal): > 5,000 mg/kg
Other ingredients:					
Calcium carbonate	10-20	1317-65-3 215-279-6	NA	Not classified *	ATE (oral): > 2,000 mg/kg ATE (dermal): > 2,000 mg/kg ATE (inhalation, dust): > 3 mg/l
Aluminum oxide	10-20	1344-28-1 215-691-6	NA	Not classified **	ATE (oral): 5,000 mg/kg
Silica (Quartz)	1-3	14808-60-7 238-878-4	NA	Not classified **	NĂ
Titanium dioxide * Alternative CAS No: 28064-14-4. **Subs	1-3	13463-67-7 236-675-5	NA	Not classified ** <sup>a</sup>	ATE (oral): 10,000 mg/kg ATE (dermal): > 10,000 mg/kg ATE (inhalation, dust): > 6.82 mg/l

<sup>a</sup> Contains less than 1 % of particles with aerodynamic diameter  $\leq$  10 µm.

For full text of H-statements: see SECTION 16.

Date: 26 Septem	ber 2023 SDS No. 472A-2
<sup>1</sup> Classified accordir	ng to: • 29 CFR 1910.1200, 1915, 1916, 1917, Mass. Right-to-Know Law (ch. 40, M.G.LO. 111F) • 1272/2008/EC, GHS, REACH • WHMIS 2015 • Safe Work Australia
SECTION 4: FIR	IST AID MEASURES
4.1. Description	of first aid measures
Inhalation:	Remove to fresh air. If not breathing, administer artificial respiration. Contact physician.
Skin contact:	Remove contaminated clothing. Wash skin with soap and water. Contact physician if irritation persists.
Eye contact:	Flush eyes for at least 15 minutes with large amounts of water. Contact physician if irritation persists.
Ingestion:	Do not induce vomiting. Contact physician immediately.
Protection of fire	<b>st-aiders:</b> No action shall be taken involving any personal risk or without suitable training. Avoid contact with the product while providing aid to the victim. Avoid breathing dust/vapours/spray. See section 8.2.2 for recommendations on personal protective equipment.
4.2. Most import	ant symptoms and effects, both acute and delayed
	eye damage. Causes skin irritation. May cause skin sensitization as evidenced by rashes or hives. High vapor sulting from heating or spraying can cause eye and respiratory tract irritation.
4.3. Indication of	f any immediate medical attention and special treatment needed
Treat symptoms.	
SECTION 5: FIR	REFIGHTING MEASURES
5.1. Extinguishir	ng media
Suitable extingu	ishing media: Carbon dioxide, dry chemical, foam or water fog
	iguishing media: None known
5.2. Special haza	ards arising from the substance or mixture
Hazardous comb	bustion products: Carbon Monoxide, aldehydes, oxides of Silicon and other toxic fumes.
Other hazards:	None
5.3. Advice for fi	refighters
Cool exposed cor	ntainers with water. Recommend Firefighters wear self-contained breathing apparatus.
Australian HAZC	CHEM Emergency Action Code: 2 Z
SECTION 6: AC	CIDENTAL RELEASE MEASURES
6.1. Personal pre	ecautions, protective equipment and emergency procedures
Avoid skin contac	t. Utilize exposure controls and personal protection as specified in Section 8.
6.2. Environmen	tal Precautions
Keep out of sewe	ers, streams and waterways.
6.3. Methods and	d material for containment and cleaning up
Scoop up and trai	nsfer to a suitable container for disposal.
6.4. Reference to	o other sections
Refer to section 1	13 for disposal advice.
SECTION 7: HA	NDLING AND STORAGE
7.1. Precautions	for safe handling
clothing immediat	controls and personal protection as specified in Section 8. Wash thoroughly after handling. Remove contaminated tely. Wash clothing before reuse. Contaminated leather including shoes cannot be decontaminated and should be creating and breathing dust during removal, drilling, grinding, sawing or sanding.
discarded. Avoid	for safe storage, including any incompatibilities
7.2. Conditions f	ry area. Keep from freezing.
7.2. Conditions f	

#### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

# 8.1. Control parameters

# Occupational exposure limit values

Occupational exposure innit v	alues							
Ingredients	OSHA ppm	NPEL <sup>1</sup> mg/m <sup>3</sup>	ACGII ppm	H TLV <sup>2</sup> mg/m <sup>3</sup>	UK V ppm	VEL <sup>3</sup> mg/m <sup>3</sup>	AUSTRA ppm	ALIA ES <sup>4</sup> mg/m <sup>3</sup>
Epoxy resin (number average molecular weight <= 700)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Glycidoxypropyltrimethoxysila ne*	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2-Methoxy-1-methylethyl acetate	N/A	N/A	N/A	N/A	50 STEL: 100	274 STEL: 548	50 STEL: 100	274 548
Calcium carbonate	(total) (resp.)	15 5	**	10 (inhal.) 3 (resp.)	N/A	10 (inhal.) 4 (resp.)	N/A	10
Aluminum oxide	(total) (resp.)	15 5	(resp.)	1	(inhal.) (resp.)	10 4	(insp.)	10
Silica (Quartz)	(total) (resp.)	0.3 0.05	(resp.)	0.025	(resp.)	0.1	(resp.)	0.05
Titanium dioxide	N/A	15	N/A	10	(total) (resp.)	10 4	N/A	10

\*Recommended exposure limit: 0.5 ppm (8-hr TWA)

\*\*Particles Not Otherwise Specified (PNOS)

<sup>1</sup> United States Occupational Health & Safety Administration permissible exposure limits

<sup>2</sup> American Conference of Governmental Industrial Hygienists threshold limit values

<sup>3</sup> EH40 Workplace exposure limits, Health & Safety Executive

<sup>4</sup> Safe Work Australia, Workplace Exposure Standards for Airborne Contaminants

#### Biological limit values

No biological exposure limits noted for the ingredient(s).

# Derived No Effect Level (DNEL) according to Regulation (EC) No 1907/2006:

#### Workers

Substance	Route of exposure	Potential health effects	DNEL
Epoxy resin (number average	Inhalation	Acute effects, local / Acute	no data available
molecular weight <= 700)		effects, systemic	
		Chronic effects, local	no data available
		Chronic effects, systemic	29.39 mg/m <sup>3</sup>
	Dermal	Acute effects, local	0.0083 mg/cm <sup>2</sup>
		Acute effects, systemic	no data available
		Chronic effects, local	
		Chronic effects, systemic	104.15 mg/kg bw/day
Glycidoxypropyltrimethoxysilane	Inhalation	Chronic effects, systemic	147 mg/m <sup>3</sup>
2-Methoxy-1-methylethyl acetate	Inhalation	Chronic effects, systemic	275 mg/m <sup>3</sup>
Aluminum oxide	Inhalation	Chronic effects, local, Chronic	15.63 mg/m <sup>3</sup>
		effects, systemic	
Titanium dioxide	Inhalation	Chronic effects	10 mg/m <sup>3</sup>

#### Predicted No Effect Concentration (PNEC) according to Regulation (EC) No 1907/2006:

Substance	Environmental protection target	PNEC
Epoxy resin (number average molecular weight <= 700)	Fresh water	0.003 mg/l
	Marine water	0.0003 mg/l
	Water, intermittent release	0.0254 mg/l
	Freshwater sediments	0.294 mg/kg
	Marine sediments	0.0294 mg/kg
	Microorganisms in sewage treatment	10 mg/l
	Soil (agricultural)	0.237 mg/kg
Titanium dioxide	Fresh water	0.184 mg/l
	Marine water	0.0184 mg/l
	Water	0.193 mg/l
	Freshwater sediments	1,000 mg/kg
	Marine sediments	100 mg/kg
	Microorganisms in sewage treatment	100 mg/l
	Soil (agricultural)	100 mg/kg

#### 8.2. Exposure controls

# 8.2.1. Engineering measures

Provide sufficient ventilation to keep the vapor concentrations below the exposure limits. If necessary, provide local exhaust. If it is necessary to alter the final cured product such that dust may be generated, use adequate dust extraction or damp down.

# 8.2.2. Individual protection measures

Respiratory protection:	In case of insufficient ventilation, wear suitable respiratory equipment (e.g., a half or full-face respirator with combined dust/organic vapour filter). Use positive pressure, supplied-air respirators if there is a potential for uncontrolled release, if exposure levels are unknown, or under circumstances where air-purifying respirators may not provide adequate protection.
Protective gloves:	Chemical resistant gloves (e.g., nitrile rubber, butyl rubber, neoprene, PVC)
Eye and face protection:	Full face shield with goggles underneath.
Other:	Impervious clothing as necessary to prevent skin contact.
8.2.3. Environmental expos	ure controls

Refer to sections 6 and 12.

# SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

o. n. information on busic phys	sical and chemical properties	•	
Physical state	paste	рН	not applicable
Colour	light gray, medium gray	Kinematic viscosity	383,000 cSt @ 25°C
Odour	sweet	Solubility in water	slightly soluble
Odour threshold	not determined	Partition coefficient	not applicable
		n-octanol/water (log value)	
Boiling point or range	not determined	Vapour pressure @ 20°C	not determined
Melting point/freezing point	not determined	Density and/or relative density	1.83 kg/l
% Volatile (by volume)	none	Weight per volume	-
Flammability	not determined	Vapour density (air=1)	> 1
Lower/upper flammability or	not determined	Rate of evaporation (ether=1)	< 1
explosion limits			
Flash point	122°C (255°F)	% Aromatics by weight	none
Method	component data	Particle characteristics	not applicable
Autoignition temperature	not determined	Explosive properties	not determined
Decomposition temperature	not determined	Oxidising properties	not determined
9.2. Other information			

None

# SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

Refer to sections 10.3 and 10.5.

#### 10.2. Chemical stability

Stable

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#### 10.3. Possibility of hazardous reactions No dangerous reactions known under conditions of normal use. 10.4. Conditions to avoid Open flames and high temperatures. 10.5. Incompatible materials Strong acids/bases and strong oxidizers like liquid Chlorine and concentrated Oxygen. 10.6. Hazardous decomposition products Carbon Monoxide, aldehydes and other toxic fumes. May generate Formaldehyde at temperatures greater than 150°C (300°F). Hydrolyzes in water or moist air, releasing methanol and organosilicons. SECTION 11: TOXICOLOGICAL INFORMATION 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008 / GHS Primary route of exposure Inhalation, skin and eye contact. Personnel with pre-existing skin or lung allergies may be aggravated by exposure. under normal use: Acute toxicity -Oral: Based on available data on components, the classification criteria are not met. Substance Test Result Epoxy resin (number average LD50, rat > 5,000 mg/kg molecular weight <= 700) Calcium carbonate LD50, rat > 2,000 mg/kg Aluminum oxide LD50, rat > 5,000 mg/kg Glycidoxypropyltrimethoxysilane 7.5 ml/kg LD50. rat > 10,000 mg/kg Titanium dioxide LD50, rat Based on available data on components, the classification criteria are not met. Dermal: Substance Test Result Epoxy resin (number average LC50, rabbit > 3,000 mg/kg molecular weight <= 700) > 2,000 mg/kg Calcium carbonate LD50, rat Glycidoxypropyltrimethoxysilane LD50, rabbit 3.97 ml/kg Titanium dioxide LC50, rabbit > 10,000 mg/kg Inhalation: High vapor concentrations resulting from heating or spraying can cause eye and respiratory tract irritation. Substance Test Result Epoxy resin (number average LC50, rat > 1.7 mg/l/4 h molecular weight <= 700) (aerosol) Calcium carbonate LD50. rat > 3 mg/l (dust)Glycidoxypropyltrimethoxysilane LC50, rat, 4 h, aerosol > 5.3 mg/L Skin corrosion/irritation: Causes skin irritation. Substance Test Result Epoxy resin (number average molecular Skin irritation, rabbit Mild irritation/Moderate weight $\leq 700$ irritation Glycidoxypropyltrimethoxysilane Skin irritation, rabbit Mild irritation Serious eye damage/ Causes serious eye damage. irritation: Substance Result Test Epoxy resin (number average molecular Eye irritation, rabbit Slightly irritating weight <= 700) Eye irritation, rabbit Glycidoxypropyltrimethoxysilane Corneal injury

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Respiratory or skin sensitisation:	May cause an allergic skin reaction.			
	Substance	Test	Result	
	Epoxy resin (number average molecular weight <= 700)	Skin sensitization, guinea pig	Sensitizing	
	Glycidoxypropyltrimethoxysilane	Human repeat insult patch test (HRIPT)	Not sensitizing	
	Glycidoxypropyltrimethoxysilane	Skin sensitization, guinea pig	Not sensitizing	
Germ cell mutagenicity:	Epoxy resin (number average molecular we based on available data, the classification of		pyltrimethoxysilane:	
Carcinogenicity:	The International Agency for Research on Cancer (IARC) and the National Toxicology Program (NTP) have classified inhaled silica as a human carcinogen. IARC has designated inhaled titanium dioxide as possibly carcinogenic to humans (group 2B). The silica and titanium dioxide in this product do not separate from the mixture or in of themselves become airborne, therefore, do not present a hazard in normal use.			
Reproductive toxicity:	Epoxy resin (number average molecular weight <= 700), Glycidoxypropyltrimethoxysilane: based on available data, the classification criteria are not met.			
STOT – single exposure:	Epoxy resin (number average molecular weight <= 700), Glycidoxypropyltrimethoxysilane: based on available data, the classification criteria are not met.			
STOT – repeated exposure:	Epoxy resin (number average molecular weight <= 700), Glycidoxypropyltrimethoxysilane: based on available data, the classification criteria are not met. Repeated inhalation of respin free silica may cause scarring of the lungs with cough and shortness of breath. Silicosis, a delayed lung injury that is a disabling, progressive and sometimes fatal pulmonary fibrosis, result.			
	Substance	Test	Result	
	Epoxy resin (number average molecular weight <= 700)	Sub-chronic NOAEL, oral, 90 days, rat, male / female (OECD 408)	250 mg/kg	
Aspiration hazard:	Based on available data, the classification	criteria are not met.		

#### 11.2. Information on other hazards

None known

# SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicological data have not been determined specifically for this product. The information given below is based on a knowledge of the components and the ecotoxicology of similar substances.

# 12.1. Toxicity

Toxic to aquatic life with long lasting effects. LC50/EC50 between 1 and 10 mg/l in the most sensitive species, based on data from similar materials.

# 12.2. Persistence and degradability

Unreacted components (Parts A and B), improperly released to the environment, can cause ground and water pollution. Epoxy resin: not readily biodegradable. Glycidoxypropyltrimethoxysilane: hydrolyzes in water or moist air, releasing methanol and organosilicons.

#### 12.3. Bioaccumulative potential

Epoxy resin: has the potential to bioaccumulate. Glycidoxypropyltrimethoxysilane: low potential for bioaccumulation.

#### 12.4. Mobility in soil

Viscous liquid. Slightly soluble in water. In determining environmental mobility, consider the product's physical and chemical properties (see Section 9). Epoxy resin: if product enters soil, it will be mobile and may contaminate groundwater.

#### 12.5. Results of PBT and vPvB assessment

Not available

12.6. Endocrine disrupting properties

None known

#### 12.7. Other adverse effects

None known

Date: 26 September 2023

13.1. Waste treatment methods

SECTION 13: DISPOSAL CONSIDERATIONS

Combine resin and curative. The final cured material is considered nonhazardous. Unreacted components are a special waste. Incinerate waste product when in liquid form with a properly licensed facility. The unhardened product is classified as a hazardous waste according to 2008/98/EC. Check local, state and national/federal regulations and comply with the most stringent requirement.				
SECTION 14: TRANSPORT INFORMATION	ON			
14.1. UN number or ID number				
ADG/ADR/RID/ADN/IMDG/ICAO:	UN3082			
TDG:	UN3082			
US DOT:	UN3082			
14.2. UN proper shipping name				
ADG/ADR/RID/ADN/IMDG/ICAO:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (EPOXY RESIN)			
TDG:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (EPOXY RESIN)			
US DOT:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (EPOXY RESIN)			
14.3. Transport hazard class(es)				
ADG/ADR/RID/ADN/IMDG/ICAO:	9 9			
TDG: US DOT:	9			
14.4. Packing group	3			
ADG/ADR/RID/ADN/IMDG/ICAO:	111			
TDG:				
US DOT:				
14.5. Environmental hazards				
MARINE POLLUTANT				
14.6. Special precautions for user				
NO SPECIAL PRECAUTIONS FOR USE	ER			
14.7. Maritime transport in bulk accordir	ng to IMO instruments			
NOT APPLICABLE				
14.8. Other information				
US DOT: ERG NO.171, MAY BE SHIPPED AS NON-RESTRICT OR AIRCRAFT. (49 CFR 171.4(C)) IMDG: EMS. F-A, S-F	ED IN NON-BULK PACKAGINGS (119 GALLONS OR LESS) BY MOTOR VEHICLE, RAIL CAR			
MAY BE SHIPPED AS NON-RESTRICT SINGLE OR INNER PACKAO ICAO/IATA: MAY BE SHIPPED AS NON	ED IN SINGLE OR COMBINATION PACKAGINGS CONTAINING A NET QUANTITY PER GING OF 5 L OR LESS. (IMDG CODE AMENDMENT 37-14, 2.10.2.7) N-RESTRICTED IN SINGLE OR COMBINATION PACKAGINGS CONTAINING A NET QUANTITY CKAGING OF 5 L OR LESS.(IATA DANGEROUS GOODS REGULATION 56 <sup>TH</sup> EDITION, 4.4 7)			
ADR: CLASSIFICATION CODE M6 TUN				
	ED IN SINGLE OR COMBINATION PACKAGINGS CONTAINING A NET QUANTITY PER			
	GING OF 5 L OR LESS. (ADR 2015 VOLUME 1, CHAPTER 3.3 SPECIAL PROVISIONS 375)			
ADG HAZCHEM CODE: •3Z HIN: 90				
SECTION 15: REGULATORY INFORMAT	ΓΙΟΝ			
15.1. Safety, health and environmental re	egulations/legislation specific for the substance or mixture			
15.1.1. EU regulations				
Authorisations under Title VII: Not ap	plicable			
Restrictions under Title VIII: None				
Other EU regulations: Directive 94/33	B/EC on the protection of young people at work.			
15.1.2. National regulations				
US EPA SARA TITLE III				
312 Hazards:	Chemicals subject to reporting requirements of Section 313 of			
	EPCRA and of 40 CFR 372:			
Skin irritation	None			
Skin sensitization				
Serious eye damage				
TSCA: All components are listed or exempt	ted.			
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Other national regu	lations: None				
15.2. Chemical safety assessment					
No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.					
SECTION 16: OTHE	ER INFORMATION				
Abbreviations and acronyms: // E	ER INFORMATION         ADG: Australian Dangerous Goods Code         ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways         ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road         ATE: Acute Toxicity Estimate         BOF: Bioconcentration Factor         CATPE: Converted Acute Toxicity point Estimate         CLP: Classification Labelling Packaging Regulation (1272/2008/EC)         S5: Exposure Standard         GHS: Globally Harmonized System         CAO: International Civil Aviation Organization         MDG: International Maritime Dangerous Goods         L50: Lethal Concentration to 50 % of a test population         D51: Lethal Dose to 50% of a test population         D52: Lowset Observed Effect Level         V/A: Not Available         VOEC: No Observed Effect Concentration         VOEL: No Observed Effect Level         QISAR: Quantitative Structure-Activity Relationship         REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (1907/2006/EC)         REE: Recommended Exposure Limit         RID: Regulations concerning the International Carriage of Dangerous Goods by Rail         SCL: Specific Concentration Limit         SDS Safety Data Sheet         STOT SE: Specific Target Organ Toxicity, Ripeated Exposure         S				
and sources for dat	ences       Commission des normes, de l'équité, de la santé et de la sécurité du travail (CNESST)         a:       Chemical Classification and Information Database (CCID)         European Chemicals Agency (ECHA) - Information on Chemicals         Hazardous Chemical Information System (HCIS)         National Institute of Technology and Evaluation (NITE)         Swedish Chemicals Agency (KEMI)         U.S. National Library of Medicine Toxicology Data Network (TOXNET)				
	derive the classification for mixtures according to Regulation (EC) No 1272/2008 [CLP] / GHS:				
Classification Skin Irrit. 2, H315					
Skin Sens. 1, H317					
Eye Dam. 1, H318	Calculation method				
Aquatic Chronic 2, I	H411 Calculation method				
Relevant H-stateme	nts: H226: Flammable liquid and vapour. H315: Causes skin irritation. H317: May cause an allergic skin reaction. H318: Causes serious eye damage. H336: May cause drowsiness or dizziness. H411: Toxic to aquatic life with long lasting effects.				
Hazard pictogram n					

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Further information:	None	
Date of last revision:	26 September 2023	
Changes to the SDS in th	nis revision:	Sections 1.1, 1.2, 1.3, 1.4, 2.2, 3.2, 4.2, 5.2, 8.1, 9.1, 11, 12.6, 15.1, 16.

This information is based solely on data provided by suppliers of the materials used, not on the mixture itself. No warranty is expressed or implied regarding the suitability of the product for the user's particular purpose. The user must make their own determination as to suitability.