

SAFETY DATA SHEET
in accordance with 2020/878/EU (REACH, Annex II) 29 CFR 1910.1200, WHMIS 2015 and Safe Work Australia
Revision:3 January 2024Date of previous issue:13 December 2023SDS No.228A-14
SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING
1.1. Product identifier
ARC 10 (Part A)
Unique Formula Identifier (UFI): 5XHJ-1VRX-GX0V-A00M
1.2. Relevant identified uses of the substance or mixture and uses advised against
Relevant identified uses: ARC Polymer Composite. Repair damage caused by impact, abrasion, erosion or corrosion; rebuild worn areas; fill holes and cracks; provide abrasion resistant surfaces.
Uses advised against: No information available
Reason why uses advised against: Not applicable
1.3. Details of the supplier of the safety data sheet
Company: Supplier: 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: <u>www.chesterton.com</u> E-mail (SDS questions): <u>ProductSDSs@chesterton.com</u> E-mail: <u>customer.service@chesterton.com</u> E-mail: <u>customer.service@chesterton.com</u> 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 Eye irritation, Category 2, H319 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:

Warning

Hazard statements:	H315 H317 H319 H411	Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. Toxic to aquatic life with long lasting effects.
Precautionary statements:	P261 P264 P272 P273 P302/352 P333/313 P305/351/338 P337/313 P362/364 P391 P501	Avoid breathing vapours. Wash hands 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 skin irritation or rash occurs: Get medical advice/attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: 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 for Part A and Part B. 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/INFORMATION ON INGREDIENTS					
3.2. Mixtures					
Hazardous Ingredients ¹	% Wt.	CAS No./ EC No.	REACH Reg. No.	CLP/GHS Classification	SCL, M-factor, ATE
Epoxy resin (number average molecular weight <= 700)	25-35	1675-54-3* 216-823-5	NA	Skin Irrit. 2, H315 Eye Irrit. 2, H319** Skin Sens. 1, H317 Aquatic Chronic 2, H411	Eye Irrit. 2A, H319: C ≥ 5 % Skin Irrit. 2, H315: C ≥ 5 % ATE (oral): > 5,000 mg/kg ATE (dermal): > 2,000 mg/kg
Epoxy resin (number average molecular weight <= 700)	10-15	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
Other ingredients					
Silicon	5-10	7440-21-3 231-130-8	NA	Not classified***	ATE (oral): > 5,000 mg/kg
Titanium dioxide	1-5	13463-67-7 236-675-5	NA	Not classified*** ^a	ATE (oral): > 10,000 mg/kg ATE (dermal): > 10,000 mg/kg ATE (inhalation, dust): > 6.82 mg/l
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*Alternative CAS No: 25068-38-6, EC No. 500-033-5. **Alternative CAS No: 28064-14-4. ***Substance with a workplace exposure limit. ^a Contains less than 1 % of particles with aerodynamic diameter ≤ 10 μm. For full text of H-statements: see SECTION 16. ¹ Classified according 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 Aus	tralia				

out mouth with water. Contact physician immediately. ngestion: Do not induce vomiting. Contact physician immediately. Protection of first-aiders: No action shall be taken involving any personal risk or without suitable training. Avoid contact with the product while providing aid to the victim. See section 8.2.2 for recommendations on personal protective equipment. #2.2. Most important symptoms and effects, both acute and delayed Woderate eye and skin irritant. May cause skin sensitization as evidence by rashes or hives. #3. Indication of any immediate medical attention and special treatment needed Treat symptoms. SECTION 5: FIREFIGHTING MEASURES 5.1. Extinguishing media: Suitable extinguishing media: None known 5.2. Special hazards arising from the substance or mixture Hazardous combustion products: Carbon Monoxide, aldehydes, acids and other toxic fumes. Dther hazards: Container may rupture from gas generation when exposed to intense heat. 5.3. Advice for firefighters Cool exposed containers with water. Recommend Firefighters wear self-contained breathing apparatus. Australian HAZCHEM Emergency Action Code: 2 Z SECTION 6: ACCIDENTAL RELEASE MEASURES 5.1. Personal precautions, protective equipment and emergency procedures Avoid skin contact. Utilize exposure controls and pe	Date: 3 January	2024	SDS No. 228A-14		
 L1. Description of first aid measures Inhalation: Remove person to fresh air and keep comfortable for breathing. Call a physician if you feel unwell. Skin contact: Remove contaminated clothing. Wash clothing before reuse. Wash skin with soap and water. Consult physician if irritation develops. Eye contact: Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. Wash out mouth with water. Contact physician immediately. Protection of first-aiders: No action shall be taken involving any personal risk or without suitable training. Avoid contact with the product while providing aid to the vicim. See section 8.2.2 for recommendations on personal protective equipment. 1.2. Most important symptoms and effects, both acute and delayed Moderate eye and skin inflant. May cause skin sensitization as evidence by rashes or hives. 1.3. Indication of any immediate medical attention and special treatment needed Treat Streps Stepping Stepping from the substance or mixture 1.4. Extinguishing media: Carbon dioxide, dry chemical, foam or water fog J.5. Special hazards arising from the substance or mixture 1.3. Advice for firefighters Container may rupture from gas generation when exposed to intense heat. 3.3. Advice for firefighters Containers with water. Recommend Firefighters wear self-contained breathing apparatus. Australian HAZCHEM Emergency Action Code: 2 Z Section 6: ACCIDENTAL RELEASE MEASURES 3.4. Reference to other sections 3.4. Reference to other sections Ree out of several material (sand, sawdust, clay, etc.) and place in a suitable container for isposal. 3.4. Reference to other sections Ree out of several stream and waterways. 3.3. Methods a					
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7.1. Precautions for safe handling Jtilize exposure controls and personal protection as specified in Section 8. Remove contaminated clothing immediately. Wash clothing before reuse. Contaminated work clothing must not be allowed out of the workplace. Contaminated leather including shoes cannot be decontaminated and should be discarded. Avoid creating and breathing dust during removal, drilling, grinding,	Refer to section	n 13 for disposal advice.			
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clothing before reuse. Contaminated work clothing must not be allowed out of the workplace. Contaminated leather including shoes cannot be decontaminated and should be discarded. Avoid creating and breathing dust during removal, drilling, grinding,	7.1. Precaution	ns for safe handling			
	clothing before shoes cannot be	reuse. Contaminated work clothing must not be allowed out of the workport decontaminated and should be discarded. Avoid creating and breathing	place. Contaminated leather including		

7.2. Conditions for safe storage, including any incompatibilities

Store in a cool, dry area.

7.3. Specific end use(s)

No special precautions.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Occupational exposure limit values

Ingredients	OSHA		ACGI	H TLV ²	UK	NEL ³	AUSTR	
	ppm	mg/m³	ppm	mg/m³	ppm	mg/m³	ppm	mg/m³
Epoxy resin (number average molecular weight <= 700)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Epoxy resin (number average molecular weight <= 700)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Silicon	(total) (resp.)	15 5	(total) (resp.)	10* 3	(total) (resp.)	10 4	N/A	10
Titanium dioxide	N/A	15	N/A	10	(total) (resp.)	10 4	N/A	10

*Particles Not Otherwise Specified (PNOS)

¹ United States Occupational Health & Safety Administration permissible exposure limits

² American Conference of Governmental Industrial Hygienists threshold limit values

³ EH40 Workplace exposure limits, Health & Safety Executive

⁴ 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 (CAS no. 1675-54-3)	Inhalation	Acute effects, local / Acute	no data available
		effects, systemic	
		Chronic effects, local	no data available
		Chronic effects, systemic	4.93 mg/m ³ (GESTIS)
Epoxy resin (CAS no. 9003-36-5)	Inhalation	Acute effects, local / Acute	No data available
		effects, systemic	
		Chronic effects, local	No data available
		Chronic effects, systemic	29.39 mg/m ³
	Dermal	Acute effects, local	0.0083 mg/cm ²
		Acute effects, systemic /	No data available
		Chronic effects, local	
		Chronic effects, systemic	104.15 mg/kg bw/day
Titanium dioxide	Inhalation	Chronic effects	10 mg/m ³

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

Substance	Environmental protection target	PNEC
Epoxy resin (CAS no. 9003-36-5)	Fresh water	0.003 mg/l
	Marine water	0.0003 mg/l
	Water, intermittent release	0.0254 mg/l
	Microorganisms in sewage treatment	10 mg/l
	Freshwater sediments	0.294 mg/kg
	Marine sediments	0.0294 mg/kg
	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 measure	S			
	xposure limits are exceeded, prov e generated, use adequate dust e	vide adequate ventilation. If it is nece extraction or damp down.	ssary to alter the final cured	
8.2.2. Individual protection	measures			
Respiratory protection:	Not normally needed. If exposure dust/organic vapour filter (e.g., E	e limits are exceeded, use a half or fu N filter type A-P2).	Ill-face respirator with combined	
Protective gloves:	Chemical resistant gloves (e.g., r	nitrile rubber, butyl rubber, neoprene,	, PVC)	
Eye and face protection:	Safety glasses			
Other:	Impervious clothing as necessary	y to prevent skin contact.		
8.2.3. Environmental expos	ure controls			
Refer to sections 6 and 12.				
SECTION 9: PHYSICAL AN	D CHEMICAL PROPERTIES			
	hysical and chemical properties	S		
Physical state	paste	рН	not applicable	
Colour	gray / white	Kinematic viscosity	1,000-1,250 mm ² /s @ 25°C	
Odour Odour threshold	mild not determined	Solubility in water Partition coefficient n-octanol/water (log value)	insoluble not applicable	
Boiling point or range Melting point/freezing poin % Volatile (by volume) Flammability Lower/upper flammability or explosion limits Flash point	not applicable not determined 0% not determined not determined > 150°C (> 302°F)	Vapour pressure @ 20°C Density and/or relative density Weight per volume Vapour density (air=1) Rate of evaporation (ether=1) % Aromatics by weight	< 0.1 mm Hg 2.0 kg/l 16.7 lbs/gal. > 1 < 1 0%	
Method Autoignition temperature Decomposition temperature	Setaflash Closed Cup not determined	Particle characteristics Explosive properties Oxidising properties	not applicable not applicable not applicable	
9.2. Other information				
Dynamic viscosity: 2000-250	0 cPs @ 25°C			
SECTION 10: STABILITY A	ND REACTIVITY			
10.1. Reactivity				
Refer to sections 10.3 and 10	0.5.			
10.2. Chemical stability				
Stable				
10.3. Possibility of hazardo	us reactions			
No dangerous reactions know	vn under conditions of normal use	2.		
10.4. Conditions to avoid				
Temperatures above 300°C (572°F).				
10.5. Incompatible materials				
Strong mineral acids and bases, strong organic bases and strong oxidizers like liquid Chlorine and concentrated Oxygen.				
10.6. Hazardous decomposition products				
Carbon Monoxide, aldehydes, acids and other toxic fumes.				
SECTION 11: TOXICOLOGICAL INFORMATION				
	11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008 / GHS			
Primary route of exposure under normal use:Skin and eye contact. Personnel with pre-existing skin and eye disorders and skin allergies may be aggravated by exposure.				
Acute toxicity -				

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Date: 3 January 2024

Oral:	Based on available data on components		
	Substance	Test	Result
	Epoxy resin	LD50, rat	> 5,000 mg/kg
	Silicon	LD50, rat	> 5,000 mg/kg
	Titanium dioxide	LD50, rat	> 10,000 mg/kg
Dermal:	Based on available data on components	s, the classification criteria are	not met.
	Substance	Test	Result
	Epoxy resin	LD50, rabbit	> 2,000 mg/kg
	Titanium dioxide	LD50, rabbit	> 10,000 mg/kg
Inhalation:			
	Substance	Test	Result
	Epoxy resin (CAS no. 1675-54-3)	LC0, rat, 5-8 h	No mortality at vapor saturation level
	Titanium dioxide	LC50, rat, 4 h	> 6.82 mg/l
kin corrosion/irritation:	Causes skin irritation.		
	Substance	Test	Result
	Epoxy resin	Skin irritation, rabbit	Moderate irritation
	Titanium dioxide	Skin irritation, rabbit	Not irritating
Serious eye damage/ rritation:	Causes serious eye irritation.		
	Substance	Test	Result
	Epoxy resin (CAS no. 1675-54-3)	Eye irritation, rabbit	Moderate irritation
	Epoxy resin (CAS no. 28064-14-4)	Eye irritation, rabbit	Not irritating
	Titanium dioxide	Eye irritation, rabbit	Not irritating
Respiratory or skin sensitisation:	May cause an allergic skin reaction.		
	Substance	Test	Result
	Epoxy resin	Skin sensitization, guinea pig	Sensitizing
	Titanium dioxide	Skin sensitization, guinea pig	Not sensitizing
Germ cell mutagenicity:	Epoxy resin, Titanium dioxide: based or	available data, the classification	on criteria are not met.
Carcinogenicity:	The International Agency for Research as possibly carcinogenic to humans (gro separate from the mixture or in of itself I normal use. Epoxy resin: based on avai	oup 2B). The titanium dioxide ir become air-borne, therefore it o	n this product does not does not present a haza
Reproductive toxicity:	Epoxy resin, Titanium dioxide: based or	available data, the classification	on criteria are not met.
STOT – single exposure:	Not expected to cause toxicity.		
STOT – repeated exposure:	Not expected to cause toxicity.		
	Substance	Test	Result
	Epoxy resin (CAS no. 1675-54-3)	Sub-chronic NOAEL, oral, 90 days, rat, male / female (OECD 408)	50 mg/kg bw/day
	Epoxy resin (CAS no. 1675-54-3)	Sub-chronic NOAEL, dermal, 90 days, rat, male / female (OECD 411)	10 mg/kg bw/day
	Epoxy resin (CAS no. 1675-54-3)	Sub-chronic NOAEL, dermal, 90 days, mouse, male (OECD 411)	100 mg/kg bw/day
	Epoxy resin (CAS no. 9003-36-5)	Sub-chronic NOAEL,	250 mg/kg bw/day

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oral, 90 days, rat, male / female (OECD 408)

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

Epoxy resin (number average molecular weight <= 700) is toxic to aquatic organisms and may cause long-term adverse effects in the aquatic environment (LC50/EC50 between 1 and 10 mg/l in the most sensitive species).

12.2. Persistence and degradability

Unreacted components (Parts A and B), improperly released to the environment, can cause ground and water pollution. Epoxy resin (number average molecular weight <= 700): not readily biodegradable (biodegradation, OECD 301F, 28 days: 5%). Silicon, Titanium dioxide: inorganic substances, exist in nature.

12.3. Bioaccumulative potential

Epoxy resin (number average molecular weight \leq 700): log Kow = 2.64 – 3.78, low potential for bioaccumulation.

12.4. Mobility in soil

Paste Insoluble in water. In determining environmental mobility, consider the product's physical and chemical properties (see Section 9). Epoxy resin (number average molecular weight <= 700): if product enters soil, it will be mobile and may contaminate groundwater (log Koc <= 3.65).

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

None known

12.7. Other adverse effects

None known

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Combine resin and curative. The final cured material is considered nonhazardous. Unreacted components are a special waste (classified as hazardous according to 2008/98/EC). May be incinerated at an appropriate facility. Check local, state and national/federal regulations and comply with the most stringent requirement.

SECTION 14: TRANSPORT INFORMATION

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			
TDG:	9			
US DOT:	9			
14.4. Packing group				
ADG/ADR/RID/ADN/IMDG/ICAO:	III			
TDG:	III			
US DOT:	III			
14.5. Environmental hazards				
MARINE POLLUTANT				
14.6. Special precautions for user				
NO SPECIAL PRECAUTIONS FOR USER				
14.7. Maritime transport in bulk according to IMO instruments				
NOT APPLICABLE				

14.8. Other information					
US DOT: ERG NO.1	US DOT: ERG NO.171,				
MAY BE SHIPPED AS NON-RESTRICTED IN NON-BULK PACKAGINGS (119 GALLONS OR LESS) BY MOTOR VEHICLE, RAIL CAR OR AIRCRAFT.					
(49 CFR 171.4(C))					
IMDG: EMS. F-A, S-					
SINGLE	AS NON-RESTRICTED IN SINGLE OR COMBINATION PACKAGINGS CONTAINING A NET QUANTITY PER OR INNER PACKAGING OF 5 L OR LESS. (IMDG CODE AMENDMENT 37-14, 2.10.2.7)				
PER SIN	E SHIPPED AS NON-RESTRICTED IN SINGLE OR COMBINATION PACKAGINGS CONTAINING A NET QUANTITY IGLE OR INNER PACKAGING OF 5 L OR LESS.(IATA DANGEROUS GOODS REGULATION 56 TH EDITION, 4.4 L PROVISIONS A197)				
	TION CODE M6 TUNNEL RESTRICTION CODE (E)				
MAY BE SHIPPED A	AS NON-RESTRICTED IN SINGLE OR COMBINATION PACKAGINGS CONTAINING A NET QUANTITY PER OR INNER PACKAGING OF 5 L OR LESS. (ADR 2015 VOLUME 1, CHAPTER 3.3 SPECIAL PROVISIONS 375)				
SECTION 15: REGULA					
15.1. Safety, health and	l environmental regulations/legislation specific for the substance or mixture				
15.1.1. EU regulations					
Authorisations under T	Title VII: Not applicable				
Restrictions under Title	e VIII: None				
Other EU regulations:	Directive 94/33/EC on the protection of young people at work. Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances (hazard category: E2, Hazardous to the Aquatic Environment in Category Chronic 2; qualifying quantities: 200 t, 500 t)				
15.1.2. National regulati	ions				
US EPA SARA TITLE III	I Contraction of the second				
312 Hazards:	Chemicals subject to reporting requirements of Section 313 of EPCRA and of 40 CFR 372:				
Skin irritation Skin sensitization Eye irritation	None				
TSCA: All chemical components are listed or exempted.					
Other national regulation	ons: National implementation of the EC Directive referred to in section 15.1.1.				
15.2. Chemical safety as	ssessment				

15.2. Chemical safety assessment

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

SECTION 16: 01			
Abbreviations		ustralian Dangerous Goods Code	
and acronyms:		uropean Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways	
		uropean Agreement concerning the International Carriage of Dangerous Goods by Road	
		cute Toxicity Estimate	
		oconcentration Factor	
	CATPE:	Converted Acute Toxicity point Estimate	
		assification Labelling Packaging Regulation (1272/2008/EC)	
		osure Standard Iobally Harmonized System	
		International Civil Aviation Organization	
		nternational Maritime Dangerous Goods	
		ethal Concentration to 50 % of a test population	
		ethal Dose to 50% of a test population	
		owest Observed Effect Level	
		t Applicable	
		Available	
		No Observed Effect Concentration	
		No Observed Effect Level	
	-	Organization for Economic Co-operation and Development	
		ersistent, Bioaccumulative and Toxic substance	
		: Quantitative Structure-Activity Relationship	
		: Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (1907/2006/EC)	
		ecommended Exposure Limit	
	RID: Reg	gulations concerning the International Carriage of Dangerous Goods by Rail	
	SCL: Sp	ecific Concentration Limit	
		afety Data Sheet	
		Short Term Exposure Limit	
		E: Specific Target Organ Toxicity, Repeated Exposure	
		E: Specific Target Organ Toxicity, Single Exposure	
TDG: Transportation of Dangerous Goods (Canada)			
TWA: Time Weighted Average			
US DOT: United States Department of Transportation			
		ery Persistent and very Bioaccumulative substance	
		/orkplace Exposure Limit	
		: Workplace Hazardous Materials Information System	
	Other at	bbreviations and acronyms can be looked up at <u>www.wikipedia.org</u> .	
Key literature ref	erences		
and sources for	data:	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)	
Procedure used	to derive	the classification for mixtures according to Regulation (EC) No 1272/2008 [CLP] / GHS:	
Classification		Classification procedure	
Skin Irrit. 2, H31	5	Calculation method	
		Calculation method	
Eye Irrit. 2, H319 Calculation method Aquatic Chronic 2, H411 Calculation method		Calculation method	
•			
Relevant H-state	ments:	H315: Causes skin irritation.	
		H317: May cause an allergic skin reaction.	
		H319: Causes serious eye irritation.	
		H411: Toxic to aquatic life with long lasting effects.	
Hazard pictograr	n names:	Exclamation mark, environment	
Further informat		one	

Date of last revision: 3 January 2024

Changes to the SDS in this revision: Sections 8.1, 15.1.

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.

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