

SDI Limited

Version No: 4.1.1.1 Safety Data Sheet (Conforms to Regulation (EC) No 2015/830) Issue Date: 22/04/2016 Print Date: 27/04/2016 Initial Date: Not Available L.REACH.GBR.EN

SECTION 1 IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

1.1.Product Identifier

Product name	Riva Bond LC capsule		
Synonyms	Not Available		
Other means of identification	Not Available		

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

Relevant identified uses	Professional dental use: Light-cured dental cement bond for dental restorations by dental professionals.		
Uses advised against	Not Applicable		

1.3. Details of the supplier of the safety data sheet

Registered company name	SDI Limited	SDI Brazil Industria E Comercio Ltda	SDI Germany GmbH		
Address	3-15 Brunsdon Street VIC Bayswater 3153 Australia	Rua Dr. Virgilio de Carvalho Pinto, 612 São Paulo CEP 05415-020 Brazil	Hansestrasse 85 Cologne D-51149 Germany		
Telephone	+61 3 8727 7111 (Business Hours)	+55 11 3092 7100	+49 0 2203 9255 0		
Fax	+61 3 8727 7222	+55 11 3092 7101	+49 0 2203 9255 200		
Website	www.sdi.com.au	www.sdi.com.au	www.sdi.com.au		
Email	info@sdi.com.au	brasil@sdi.com.au	germany@sdi.com.au		
Registered company name	SDI (North America) Inc.				
Address	1279 Hamilton Parkway IL Itasca 60143 United States				
Telephone	+1 630 361 9200 (Business hours)				
Fax	Not Available				
Website	Not Available				
Email	USA.Canada@sdi.com.au				

1.4. Emergency telephone number

Association / Organisation	SDI Limited	Not Available	Not Available	
Emergency telephone numbers	+61 3 8727 7111	Not Available	Not Available	
Other emergency telephone numbers	ray.cahill@sdi.com.au	Not Available		
Association / Organisation	Not Available			
Emergency telephone numbers	+61 3 8727 7111			
Other emergency telephone numbers	Not Available			

SECTION 2 HAZARDS IDENTIFICATION

2.1.Classification of the substance or mixture

Considered a dangerous mixture according to Reg. (EC) No 1272/2008 and their amendments. Not classified as Dangerous Goods for transport purposes.

DSD classification	In case of mixtures, classification has been prepared by following DPD (Directive 1999/45/EC) and CLP Regulation (EC) No 1272/2008 regulations			
DPD classification ^[1]	R36/37/38 Irritating to eyes, respiratory system and skin. R43 May cause SENSITISATION by skin contact.			

	R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Legend:	1. Classification by vendor; 2. Classification drawn from EC Directive 67/548/EEC - Annex I; 3. Classification drawn from EC Directive 1272/2008 - Annex VI
Classification according to regulation (EC) No 1272/2008 [CLP] ^[1]	Skin Corrosion/Irritation Category 2, Eye Irritation Category 2, Skin Sensitizer Category 1, Specific target organ toxicity - single exposure Category 3 (respiratory tract irritation), Chronic Aquatic Hazard Category 3
Legend:	1. Classification by vendor; 2. Classification drawn from EC Directive 67/548/EEC - Annex I ; 3. Classification drawn from EC Directive 1272/2008 - Annex VI

2.2. Label elements



SIGNAL WORD WARNING

Hazard statement(s)

• •				
H315	Causes skin irritation.			
H319	ses serious eye irritation.			
H317	y cause an allergic skin reaction.			
H335	May cause respiratory irritation.			
H412	Harmful to aquatic life with long lasting effects.			

Supplementary statement(s)

Not Applicable

Precautionary statement(s) Prevention

P271	Use only outdoors or in a well-ventilated area.		
P280	ear protective gloves/protective clothing/eye protection/face protection.		
P261	Avoid breathing mist/vapours/spray.		
P273	Avoid release to the environment.		
P272	Contaminated work clothing should not be allowed out of the workplace.		

Precautionary statement(s) Response

P302+P352	IF ON SKIN: Wash with plenty of water and soap.			
P305+P351+P338	IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.			
P312	Call a POISON CENTER/doctor/physician/first aider/if you feel unwell.			
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.			
P337+P313	If eye irritation persists: Get medical advice/attention.			
P362+P364	Take off contaminated clothing and wash it before reuse.			
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.			

Precautionary statement(s) Storage

P405	Store locked up.	
P403+P233	Store in a well-ventilated place. Keep container tightly closed.	

Precautionary statement(s) Disposal

P501 Dispose of con	ntents/container in accordance with local regulations.
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2.3. Other hazards

REACh - Art.57-59: The mixture does not contain Substances of Very High Concern (SVHC) at the SDS print date.

SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

3.1.Substances

See 'Composition on ingredients' in Section 3.2

3.2.Mixtures

1.CAS No 2.EC No 3.Index No 4.REACH No	%[weight]	Name	Classification according to directive 67/548/EEC [DSD]	Classification according to regulation (EC) No 1272/2008 [CLP]
		compartment 1:		
1.9003-01-4 2.Not Available 3.Not Available	15-25	acrylic acid homopolymer	R36/37/38, R51/53 ^[1]	Skin Corrosion/Irritation Category 2, Eye Irritation Category 2, Specific target organ toxicity - single exposure Category 3 (respiratory tract irritation), Chronic Aquatic Hazard Category 2; H315, H319, H335, H411 ^[1]

4.Not Available				
1.87-69-4 2.201-766-0 3.Not Available 4.01-2119537204-47-XXXX, 01-2119851173-43-XXXX, 01-2119851174-41-XXXX	1-5	tartaric acid	R36/37/38 ^[1]	Skin Corrosion/Irritation Category 2, Eye Irritation Category 2, Specific target orgar toxicity - single exposure Category 3 (respiratory tract irritation); H315, H319, H335 [1]
1.868-77-9 2.212-782-2 3.607-124-00-X 4.01-2119490169-29-XXXX	25-40	2-hydroxyethyl methacrylate	R36/38, R43 ^[2]	Eye Irritation Category 2, Skin Corrosion/Irritation Category 2, Skin Sensitizer Category 1; H319, H315, H317 $^{\rm [3]}$
1.Not Available 2.Not Available 3.Not Available 4.Not Available	5-15	dimethacrylate cross-linker	Not Applicable	Not Applicable
1.Not Available 2.Not Available 3.Not Available 4.Not Available	10-20	acidic monomer	Not Applicable	Not Applicable
		compartment 2:		
1.Not Available 2.Not Applicable 3.Not Applicable 4.Not Applicable	95-100	glass powder	Not Applicable	Not Applicable
Legend:		ation by vendor; 2. Clas ation drawn from C&L	sification drawn from EC Direct	tive 67/548/EEC - Annex I ; 3. Classification drawn from EC Directive 1272/2008 - Annex V

SECTION 4 FIRST AID MEASURES

4.1. Description of first aid measures

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General	If skin contact occurs: If skin contact occurs: Immediately remove all contaminated clothing, including footwear. Flush skin and hair with running water (and soap if available). Seek medical attention in event of irritation. If this product comes in contact with the eyes: Wash out immediately with fresh running water. Ensure complete irrigation of the eye by keeping eyelids apart and away from eye and moving the eyelids by occasionally lifting the upper and lower lids. Seek medical attention without delay; if pain persists or recurs seek medical attention. Removal of contact lenses after an eye injury should only be undertaken by skilled personnel. If thirdeal attention. Seek medical attention. First aid is not generally required. If in doubt, contact a Poisons Information Centre or a doctor. Seek medical attention.
Eye Contact	 If this product comes in contact with the eyes: Wash out immediately with fresh running water. Ensure complete irrigation of the eye by keeping eyelids apart and away from eye and moving the eyelids by occasionally lifting the upper and lower lids. Seek medical attention without delay; if pain persists or recurs seek medical attention. Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.
Skin Contact	If skin contact occurs: Immediately remove all contaminated clothing, including footwear. Flush skin and hair with running water (and soap if available). Seek medical attention in event of irritation.
Inhalation	 If fumes or combustion products are inhaled remove from contaminated area. Seek medical attention.
Ingestion	 Immediately give a glass of water. First aid is not generally required. If in doubt, contact a Poisons Information Centre or a doctor. Seek medical attention.

4.2 Most important symptoms and effects, both acute and delayed

See Section 11

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5 FIREFIGHTING MEASURES

5.1. Extinguishing media

Use dry chemical or foam.

5.2. Special hazards arising from the substrate or mixture

Fire Incompatibility None known

5.3. Advice for firefighters

Fire	Fighting

Alert Fire Brigade and tell them location and nature of hazard.
Wear breathing apparatus plus protective gloves in the event of a fire.

	 Prevent, by any means available, spillage from entering drains or water courses. Use fire fighting procedures suitable for surrounding area. DO NOT approach containers suspected to be hot. Cool fire exposed containers with water spray from a protected location. If safe to do so, remove containers from path of fire. Equipment should be thoroughly decontaminated after use.
Fire/Explosion Hazard	 Non combustible. Not considered a significant fire risk, however containers may burn. Decomposes on heating and produces; carbon dioxide (CO2) nitrogen oxides (NOx) other pyrolysis products typical of burning organic materialMay emit clouds of acrid smokeMay emit corrosive fumes.

SECTION 6 ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

See section 8

6.2. Environmental precautions

See section 12

6.3. Methods and material for containment and cleaning up

Minor Spills	 Clean up all spills immediately. Avoid contact with skin and eyes. Wear impervious gloves and safety goggles. Trowel up/scrape up. Place spilled material in clean, dry, sealed container. Flush spill area with water.
Major Spills	 Minor hazard. Clear area of personnel. Alert Fire Brigade and tell them location and nature of hazard. Control personal contact with the substance, by using protective equipment as required. Prevent spillage from entering drains or water ways. Contain spill with sand, earth or verniculite. Collect recoverable product into labelled containers for recycling. Absorb remaining product with sand, earth or verniculite and place in appropriate containers for disposal. Wash area and prevent runoff into drains or waterways. If contamination of drains or waterways occurs, advise emergency services.

6.4. Reference to other sections

Personal Protective Equipment advice is contained in Section 8 of the SDS.

SECTION 7 HANDLING AND STORAGE

7.1. Precautions for safe handling

Safe handling	 Avoid all personal contact, including inhalation. Wear protective clothing when risk of exposure occurs. Use in a well-ventilated area. Prevent concentration in hollows and sumps. DO NOT enter confined spaces until atmosphere has been checked. DO NOT allow material to contact humans, exposed food or food utensils. Avoid contact with incompatible materials. When handling, DO NOT eat, drink or smoke. Keep containers securely sealed when not in use. Avoid physical damage to contairers. Always wash hands with soap and water after handling. Work clothes should be laundered separately. Launder contaminated clothing before re-use. Use good occupational work practice. Observe manufacturer's storage and handling recommendations contained within this SDS. Atmosphere should be regularly checked against established exposure standards to ensure safe working conditions are maintained.
Fire and explosion protection	See section 5
Other information	 Store in original containers. Keep containers securely sealed. Store in a cool, dry, well-ventilated area. Store away from incompatible materials and foodstuff containers. Protect containers against physical damage and check regularly for leaks. Observe manufacturer's storage and handling recommendations contained within this SDS. Store between 4 and 25 deg C. Avoid sources of heat.

7.2. Conditions for safe storage, including any incompatibilities

Suitable container	DO NOT repack. Use containers supplied by manufacturer only.
Storage incompatibility	None known

7.3. Specific end use(s)

See section 1.2

8.1. Control parameters

DERIVED NO EFFECT LEVEL (DNEL)

Not Available

PREDICTED NO EFFECT LEVEL (PNEC)

Not Available

OCCUPATIONAL EXPOSURE LIMITS (OEL)

INGREDIENT DATA

Source	Ingredient	Material name	TWA	STEL	Peak	Notes	
Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	
EMERGENCY LIMITS	EMERGENCY LIMITS						
Ingredient	Material name	Material name			TEEL-2	TEEL-3	
acrylic acid homopolymer	Acrylic acid polymers; (Acrylic polymer or resin)			7.5 mg/m3	83 mg/m3	500 mg/m3	
tartaric acid	Tartaric acid			1.6 mg/m3	17 mg/m3	100 mg/m3	
2-hydroxyethyl methacrylate	Hydroxyethyl methacrylate, 2-			0.71 mg/m3	7.8 mg/m3	1000 mg/m3	
Ingredient	Original IDLH			Revised IDLH			
acrylic acid homopolymer	Not Available	Not Available			Not Available		
tartaric acid	Not Available	Not Available			Not Available		
2-hydroxyethyl methacrylate	Not Available			Not Available			
dimethacrylate cross-linker	Not Available			Not Available			
acidic monomer	Not Available			Not Available			
glass powder	Not Available			Not Available			

MATERIAL DATA

NOTE D: Certain substances which are susceptible to spontaneous polymerisation or decomposition are generally placed on the market in a stabilised form. It is in this form that they are listed on Annex I

When they are placed on the market in a non-stabilised form, the label must state the name of the substance followed by the words "non-stabilised" European Union (EU) List of harmonised classification and labelling hazardous substances, Table 3.1, Annex VI, Regulation (EC) No 1272/2008 (CLP) - up to the latest ATP

8.2. Exposure controls

	CARE: Use of a quantity of this material in confined space or poorly ventilated area, where rapid build up of concentrated atmosphere may occur, could require increased ventilation and/or protective gear Engineering controls are used to remove a hazard or place a barrier between the worker and the hazard. Well-designed engineering controls can be highly effective in protecting workers and will typically be independent of worker interactions to provide this high level of protection.					
	The basic types of engineering controls are:	lightever of protection.				
	Process controls which involve changing the way a job activity or process is done to reduce the risk.					
	Enclosure and/or isolation of emission source which keeps a selected hazard "physically" away from "removes" air in the work environment. Ventilation can remove or dilute an air contaminant if designe					
	the particular process and chemical or contaminant in use.	u propeny. The design of a ventilation	on system must match			
	Employers may need to use multiple types of controls to prevent employee overexposure.					
	General exhaust is adequate under normal operating conditions. Local exhaust ventilation may be re exists, wear approved respirator. Supplied-air type respirator may be required in special circumstan Provide adequate ventilation in warehouses and enclosed storage areas. Air contaminants generate which, in turn, determine the "capture velocities" of fresh circulating air required to effectively remove	ces. Correct fit is essential to ensu	re adequate protection.			
	Type of Contaminant:		Air Speed:			
	solvent, vapours, degreasing etc., evaporating from tank (in still air).					
8.2.1. Appropriate ineering controls	aerosols, fumes from pouring operations, intermittent container filling, low speed conveyer transfers, welding, spray drift, plating acid fumes, pickling (released at low velocity into zone of active generation)					
	direct spray, spray painting in shallow booths, drum filling, conveyer loading, crusher dusts, gas discharge (active generation into zone of rapid air motion)					
	grinding, abrasive blasting, tumbling, high speed wheel generated dusts (released at high initial velocity into zone of very high rapid air motion)					
	Within each range the appropriate value depends on:					
	Lower end of the range	Upper end of the range				
	1: Room air currents minimal or favourable to capture	1: Disturbing room air currents				
	2: Contaminants of low toxicity or of nuisance value only.	2: Contaminants of high toxicity				
	3: Intermittent, low production.	3: High production, heavy use				
	4: Large hood or large air mass in motion	4: Small hood-local control only	: Small hood-local control only			
	Simple theory shows that air velocity falls rapidly with distance away from the opening of a simple ext of distance from the extraction point (in simple cases). Therefore the air speed at the extraction point distance from the contaminating source. The air velocity at the extraction fan, for example, should be solvents generated in a tank 2 meters distant from the extraction point. Other mechanical considerati apparatus, make it essential that theoretical air velocities are multiplied by factors of 10 or more when	should be adjusted, accordingly, a a minimum of 1-2 m/s (200-400 f/m ons, producing performance deficit	fter reference to hin) for extraction of s within the extraction			

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Riva Bond LC capsule

8.2.2. Personal protection	
Eye and face protection	 Safety glasses with side shields. Chemical goggles. Contact lenses may pose a special hazard; soft contact lenses may absorb and concentrate irritants. A written policy document, describing the wearing of lenses or restrictions on use, should be created for each workplace or task. This should include a review of lens absorption and adsorption for the class of chemicals in use and an account of injury experience. Medical and first-aid personnel should be trained in their removal and suitable equipment should be readily available. In the event of chemical exposure, begin eye irrigation immediately and remove contact lens as soon as practicable. Lens should be removed at the first signs of eye redness or irritation - lens should be removed in a clean environment only after workers have washed hands thoroughly. [CDC NIOSH Current Intelligence Bulletin 59], [AS/NZS 1336 or national equivalent]
Skin protection	See Hand protection below
Hands/feet protection	 Wear chemical protective gloves, e.g. PVC. Wear safety footwear or safety gumboots, e.g. Rubber Rubber Gloves
Body protection	See Other protection below
Other protection	No special equipment needed when handling small quantities. OTHERWISE: • Overalls. • Barrier cream. • Eyewash unit.
Thermal hazards	Not Available

Respiratory protection

Type A Filter of sufficient capacity. (AS/NZS 1716 & 1715, EN 143:2000 & 149:2001, ANSI Z88 or national equivalent)

Where the concentration of gas/particulates in the breathing zone, approaches or exceeds the "Exposure Standard" (or ES), respiratory protection is required. Degree of protection varies with both face-piece and Class of filter; the nature of protection varies with Type of filter.

Required Minimum Protection Factor	Half-Face Respirator	Full-Face Respirator	Powered Air Respirator
up to 10 x ES	A-AUS P3	-	A-PAPR-AUS / Class 1 P3
up to 50 x ES	-	A-AUS / Class 1 P3	-
up to 100 x ES	-	A-2 P3	A-PAPR-2 P3 ^

^ - Full-face

A(All classes) = Organic vapours, B AUS or B1 = Acid gasses, B2 = Acid gas or hydrogen cyanide(HCN), B3 = Acid gas or hydrogen cyanide(HCN), E = Sulfur dioxide(SO2), G = Agricultural chemicals, K = Ammonia(NH3), Hg = Mercury, NO = Oxides of nitrogen, MB = Methyl bromide, AX = Low boiling point organic compounds(below 65 degC)

8.2.3. Environmental exposure controls

See section 12

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance	Smooth, pale-coloured low viscosity paste with slight characteristic odour, mixes with water.				
Physical state	Free-flowing Paste	Relative density (Water = 1)	1.2		
Odour	Not Available	Partition coefficient n-octanol / water	Not Available		
Odour threshold	Not Available	Auto-ignition temperature (°C)	Not Available		
pH (as supplied)	1-2	Decomposition temperature	Not Available		
Melting point / freezing point (°C)	Not Applicable	Viscosity (cSt)	Not Available		
Initial boiling point and boiling range (°C)	approx 100	Molecular weight (g/mol)	Not Applicable		
Flash point (°C)	Not Applicable	Taste	Not Available		
Evaporation rate	Not Available	Explosive properties	Not Available		
Flammability	Not Applicable	Oxidising properties	Not Available		
Upper Explosive Limit (%)	Not Applicable	Surface Tension (dyn/cm or mN/m)	Not Available		
Lower Explosive Limit (%)	Not Applicable	Volatile Component (%vol)	Not Available		
Vapour pressure (kPa)	approx 2.3	Gas group	Not Available		
Solubility in water (g/L)	Miscible	pH as a solution (1%)	Not Available		
Vapour density (Air = 1)	Not Available	VOC g/L	Not Available		

SECTION 10 STABILITY AND REACTIVITY

10.1.Reactivity	See section 7.2
10.2.Chemical stability	 Stable under controlled storage conditions provided material contains adequate stabiliser / polymerisation inhibitor. Bulk storages may have special storage requirements WARNING: Gradual decomposition in strong, sealed containers may lead to a large pressure build-up and subsequent explosion. Rapid and violent polymerisation possible at temperatures above 32 deg c.
10.3. Possibility of hazardous reactions	See section 7.2
10.4. Conditions to avoid	See section 7.2
10.5. Incompatible materials	See section 7.2
10.6. Hazardous decomposition products	See section 5.3

SECTION 11 TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Inhaled inhalation. In contrast to most organs, the lung is able to respond to a chemical insult by first removing or neutralising the irritant and then re damage. The repair process, which initially evolved to protect mammalian lungs from foreign matter and antigens, may however, produce furt resulting in the impairment of gas exchange, the primary function of the lungs. Respiratory tract irritation often results in an inflammatory respiratory tract irritation often results in an inflammatory respiratory tract irritation name of the second of the recruitment and activation of many cell types, mainly derived from the vascular system. Inhalation hazard is increased at higher temperatures. Ingestion Accidental ingestion of the material may be damaging to the health of the individual. Evidence exists, or practical experience predicts, that the material either produces inflammation of the skin in a substantial number of individu direct contact, and/or produces significant inflammation when applied to the healthy intact skin of animals, for up to four hours, such inflamma twenty-four hours or more after the end of the exposure period. Skin irritation may also be present after prolonged or repeated exposure; this r form of contact dermatitis (nonallergic). The dermatitis is often characterised by skin redness (erythema) and swelling (oederna) which may bilistering (vesciuation), scaling and thickneing of the epidermis. The material may accentuate any pre-existing demmatis condition Open cuts, abraded or irritated skin should not be exposed to this material Evidence exists, or practical experience predicts, that the material may cacentuate any produce systemic injury with harmful effect skin prior to the use of the material and ensure that any external damage is suitably protected. Evidence exists, or practical experience pr						
Skin Contact Evidence exists, or practical experience predicts, that the material either produces inflammation of the skin in a substantial number of individual direct contact, and/or produces significant inflammation when applied to the healthy intact skin of animals, for up to four hours, such inflamma twenty-four hours or more after the end of the exposure period. Skin initiation may also be present after prolonged or repeated exposure, this norm of contact demantits information may also be present after prolonged or repeated exposure, this norm of contact demantits information may also be present after prolonged or repeated exposure, this norm of contact demantits information may also be present after prolonged or repeated exposure, this norm of contact demantits information characterised by skin redness (synthema) and swelling (ocedema) which may preduce any pre-oxising demantitis condition Open cuts, abraded or initiated skin should not be exposed to this material. The material may accentuate any pre-oxising demantitis condition Open cuts, abraded or initiated skin should not be exposed to this material. Evidence exists, or practical experience predicts, that the material may cues use we initiation in a substantial number of individuals and/or may including which may present twenty-four hours or more after instillation into the eye(s) of experimental animals. Evidence exists, or practical experience predicts, that the material may cues use we initiation in a substantial number of individuals and/or may couse inflammation characterised by temporary redness (similar to windburny) of the conjunctiva (core temporary impairs may result in disease of the ainways involving difficult breathing and related systemic problems. Rive Bond LC capsule TOXICITY IRRITATION tartaric acid TOXI						
skin Contact and/or produces significant inflammation when appled to the healthy intast skin of animals, for up to four hours, such inflamma heenly-four hours or more after the end of the exposure poinds. Skin initiation may also be present after prolonged or repeated exposure; this n form of contact dermatilis (nonalergic). The dermatilis is often characterised by skin redness (erythema) and swelling (oedema) which may bisitering (vesiculation), scaling and thickening of the epidermis. At the microscopic level there may be intercellular oedema of the epidermis. The microscopic level there may be intercellular oedema of the epidermis. At the microscopic level there may be intercellular oedema of the epidermis. The microscopic level there may be intercellular oedema of the epidermis. The microscopic level there may be intercellular oedema of the epidermis. At the microscopic level there may be intercellular oedema of the epidermis. The microscopic level there may be intercellular oedema of the epidermis. The microscopic level there may be intercellular oedema of the epidermis. The microscopic level there may be intercellular oedema of the epidermis. The microscopic level there may be intercellular oedema of the epidermis. The microscopic level there may be intercellular oedema of the epidermis. The microscopic level there may be intercellular oedema of the epidermis. The microscopic level there may be intercellular oedema of the epidermis. The microscopic level there may be intercellular oedema of the epidermis. The microscopic level there may be intercellular oedema of the epidermis. The microscopic level there may be intercellular oedema of the epidermis. The microscopic level there may be intercellular oedema of the epidermis. The microscopic level there or public developer of the there of the material damage is suitably protected. figure Evidence exists, or practical experience predits, the material man						
Gene ocular lesions which are present twenty-four hours or more after instillation into the eye(s) of experimental animals. Repeated or prolonged eye contact may cause inflammation characterised by temporary redness (similar to windburn) of the conjunctiva (cor temporary impairment of vision and/or other transient eye damage/ulceration may occur. Chronic Long-term exposure to respiratory irritants may result in disease of the airways involving difficult breathing and related systemic problems. Practical experience shows that skin contact with the material is capable either of inducing a sensitisation reaction in a substantial number of of producing a positive response in experimental animals. Riva Bond LC capsule TOXICITY IRRITATION Riva Comporting a construct of the const	Evidence exists, or practical experience predicts, that the material either produces inflammation of the skin in a substantial number of individuals following direct contact, and/or produces significant inflammation when applied to the healthy intact skin of animals, for up to four hours, such inflammation being present twenty-four hours or more after the end of the exposure period. Skin irritation may also be present after prolonged or repeated exposure; this may result in a form of contact dermatitis (nonallergic). The dermatitis is often characterised by skin redness (erythema) and swelling (oedema) which may progress to bilistering (vesiculation), scaling and thickening of the epidermis. At the microscopic level there may be intercellular oedema of the spongy layer of the skin (spongiosis) and intracellular oedema of the epidermis. The material may accentuate any pre-existing dermatitis condition Open cuts, abraded or irritated skin should not be exposed to this material Entry into the blood-stream through, for example, cuts, abrasions, puncture wounds or lesions, may produce systemic injury with harmful effects. Examine the					
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acrylic acid homopolymer Oral (rat) LD50: 2500 mg/kgd ^[2] Nil reported tartaric acid TOXICITY IRRITATION dermal (rat) LD50: >2000 mg/kg ^[1] Nil reported Oral (rat) LD50: ca.920 mg/kg ^[1] Nil reported TOXICITY IRRITATION Dermal (rab) LD50: ca.920 mg/kg ^[1] IRRITATION Dermal (rabbit) LD50: >3000 mg/kg ^[1] * Rohm & Haas						
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tartaric acid dermal (rat) LD50: >2000 mg/kg ^[1] Nil reported Oral (rat) LD50: ca.920 mg/kg ^[1] Fill TOXICITY IRRITATION Dermal (rabbit) LD50: >3000 mg/kg ^[1] * Rohm & Haas						
Oral (rat) LD50: ca.920 mg/kg ^[1] IRRITATION TOXICITY IRRITATION Dermal (rabbit) LD50: >3000 mg/kg ^[1] * Rohm & Haas						
Oral (rat) LD50: ca.920 mg/kg ^[1] IRRITATION TOXICITY IRRITATION Dermal (rabbit) LD50: >3000 mg/kg ^[1] * Rohm & Haas						
Dermal (rabbit) LD50: >3000 mg/kg ^[1] * Rohm & Haas						
Dermal (rabbit) LD50: >3000 mg/kg ^[1] * Rohm & Haas						
post-exposure						
Skin (rabbit): non-irritating*						
TOXICITY						
glass powder Not Available Not Available						
Legend: 1. Value obtained from Europe ECHA Registered Substances - Acute toxicity 2.* Value obtained from manufacturer's SDS. Unless otherwise extracted from RTECS - Register of Toxic Effect of chemical Substances	specified data					

ACRYLIC ACID HOMOPOLYMER Asthma-like symptoms may continue for months or even years after exposure to the material ceases. This may be due to a non-allergenic condition known as reactive airways dysfunction syndrome (RADS) which can occur following exposure to high levels of highly irritating compound. Key criteria for the diagnosis of RADS include the absence of preceding respiratory disease, in a non-atopic individual, with abrupt onset of persistent asthma-like symptoms within minutes to hours of a documented exposure to the irritant. A reversible airflow pattern, on spirometry, with the presence of moderate to severe bronchial hyperreactivity

available or methandbring testing and the lisk of mining lynopskip in the interpart disorder with these related to the concentration of and duration of depose to the instaling abstance. Inclustrial processing investories in an intergunet disorder with these related to the concentration of and duration of depose to the instaling abstance. Inclustrial proceedings in the other hand, is a disorder that occurs as result of exposure due to high concentrations of intelling abstance. Inclustrial proceedings in the other hand, is a disorder that occurs as result of exposure due to high concentrations of intelling abstance. Inclustrial proceedings in the other hand, is a disorder that occurs as result of exposure due to high concentrations of intelling abstance. Inclusion is concreding the proceeding exposure due to the intelling of the other hand, is a disorder that occurs as result of exposure due to the other hand, is a disorder that occurs as result of exposure due to the other hand, is a disorder that occurs as result of exposure of the other hand, is a disorder that occurs as result of exposure of the due to a non-integratic or handling response of RADS RADS (or administ) explosition in due to the other hand, is a disorder that occurs as result of exposure due to the other hand, is a disorder that occurs as result of exposure due to the other hand, is a disorder that occurs as result of exposure due to the other hand, is a disorder that occurs as result of exposure due to the other hand, is a disorder that occurs as result of exposure due to the other hand, is a disorder that occurs as result of exposure due to the other hand, is a disorder that occurs as result of exposure due to the other hand, is a disorder that occurs as result of exposure due to the other hand, is a disorder that occurs as result of exposure due to the other hand, is a disorder that occurs as result of exposure due to the other hand, is a disorder that occurs as result of exposure due to the other hand,								
reactive enivoys dydurction synchrome (RADS) which can occur following expoure to highly initiating compound. Key citeria for the diagnosis of RADS include the absence of proceeding reparatory (see a second procedure) with the presence of moderate to serve bronchial hypermachily methods inflammation, which certain consider possible to the initiating substance which is which terms in the second reparatory (second exposure to the initiating substance which initiating substance which initiating substance which is which terms in the second exposure (second exposure) is the initiating substance which is which terms in the second exposure (second exposure) is considered in the second initiating substance which is which terms in the second exposure (second exposure) is considered in the second exposure (s		RADS. RADS (or asthma) following an irritating inhalation is an infrequent disorder with rates related to the concentration of and duration of exposure to the irritating substance. Industrial bronchitis, on the other hand, is a disorder that occurs as result of exposure due to high concentrations of irritating substance (often particulate in nature) and is completely reversible after exposure ceases. The disorder is characterised by dyspnea, cough and mucus production. The substance is classified by IARC as Group 3: NOT classifiable as to its carcinogenicity to humans.						
2-HYDROXYETHYL Contact allergies quickly manifest themselves as contact exceme, more irrept as uncaria or Quincke's oedema. The pathogenesis of contact caceme involves a cell-mediated (T) imphocytes) immure reactions, e.g. contact utilication, involve anibody-mediated immune reactions. The significance of the contact allergen is not simply determined by its sensitisation potential: the distribution of the substance and the opportunities for contact with it are equally important. A weakly sensitising substance which is widely distributed can be a more important allergen than one with stronger sensiting potential with which lew individuals come into contact. From a clinical point of view, substance and the opportunities of RADS include the absence of preceding respiratory disease, in a non-atopic individual, with abrupt onset of persistent asthma-like symptoms within minutes of AADS include the absence of preceding respiratory disease, in a non-atopic individual, with abrupt onset of persistent asthma-like symptoms within minutes of AADS include the absence of preceding respiratory disease, in a non-atopic individual, with abrupt onset of persistent asthma-like symptoms within minutes on the auto a documented exposure to the initiating inphotopic inflammation, on spiromerity. With the presence of moderate to severe bronchial hyperreadvity on methacholine challenge testing and the lack of minimal phymocytic inflammation, as result of exposure due to high lowers of concentration of and duration of exposure to the initiating unstance. Industance and methacrylates exists, there has been cautious attempts to create causifications in the absence of contrary exidence. For example: Methan exists Monally or monoarylesters of methacrylic acid should be classified as R36/37/38 and R51/33 Monally or monoarylesters of methacrylic acid should be classified as R36/37/38 and R51/33 Monally or monoarylesters of methacrylates are no long	TARTARIC ACID	reactive airways dysfunction syndrome (RADS) which can occur following exposure to high levels of highly irritating compound. Key criteria for the diagnosis of RADS include the absence of preceding respiratory disease, in a non-atopic individual, with abrupt onset of persistent asthma-like symptoms within minutes to hours of a documented exposure to the irritant. A reversible airflow pattern, on spirometry, with the presence of moderate to severe bronchial hyperreactivity on methacholine challenge testing and the lack of minimal lymphocytic inflammation, without eosinophilia, have also been included in the criteria for diagnosis of RADS. RADS (or asthma) following an irritating inhalation is an infrequent disorder with rates related to the concentration of and duration of exposure to the irritating substance. Industrial bronchitis, on the other hand, is a disorder that occurs as result of exposure due to high concentrations of irritating substance (often particulate in nature) and is completely reversible after exposure ceases. The disorder is characterised by dyspnea, cough and mucus production. Convulsions, haemorrhage recorded.						
Skin Irritation/Corrosion Image: Constraint of the system of the sys		The following information refers to contact allergens as a group and may not be specific to this product. Contact allergies quickly manifest themselves as contact eczema, more rarely as urticaria or Quincke's oedema. The pathogenesis of contact eczema involves a cell-mediated (T lymphocytes) immune reaction of the delayed type. Other allergic skin reactions, e.g., contact urticaria, involve antibody-mediated immune reactions. The significance of the contact allergen is not simply determined by its sensitisation potential: the distribution of the substance and the opportunities for contact with it are equally important. A weakly sensitising substance which is widely distributed can be a more important allergen than one with stronger sensitising potential with which few individuals come into contact. From a clinical point of view, substances are noteworthy if they produce an allergic test reaction in more than 1% of the persons tested. Asthma-like symptoms may continue for months or even years after exposure to the material ceases. This may be due to a non-allergenic condition known as reactive airways dysfunction syndrome (RADS) which can occur following exposure to high levels of highly irritating compound. Key criteria for the diagnosis of RADS include the absence of preceding respiratory disease, in a non-atopic individual, with abrupt onset of persistent asthma-like symptoms within minutes to hours of a documented exposure to the irritatn. A reversible alfflow pattern, on spirometry, with the presence of moderate to severe bronchial hyperreactivity on methacholine challenge testing and the lack of minimal lymphocytic inflammation, without eosinophila, have also been included in the criteria for diagnosis of RADS. RADS (or astma) following an irritating inhalation is an infrequent disorder with rates related to the concentration of and duration of exposure to the irritatn. Sometry with are selse of exposure to use in induced to the absence of contrary evidence. For example Monalkyl or monoarylesters of methac						
Serious Eye Damage/Irritation STOT - Single Exposure Respiratory or Skin sensitisation STOT - Repeated Exposure	Acute Toxicity	\odot	Carcinogenicity	0				
Damage/Irritation STOT - Single Exposure Respiratory or Skin sensitisation STOT - Repeated Exposure	Skin Irritation/Corrosion	✓	Reproductivity	0				
sensitisation	-	¥	STOT - Single Exposure	\otimes				
Mutagenicity 🛇 Aspiration Hazard 🛇		*	STOT - Repeated Exposure	0				
	Mutagenicity	0	Aspiration Hazard	0				

Legend:

Data available but does not fill the criteria for classification
 Data required to make classification available

S – Data Not Available to make classification

SECTION 12 ECOLOGICAL INFORMATION

Ingredient	Endpoint	Test Duration (hr)	Species	Value	Source
acrylic acid homopolymer	EC50	384	Crustacea	389.869mg/L	3
acrylic acid homopolymer	EC50	96	Algae or other aquatic plants	8596.446mg/L	3
acrylic acid homopolymer	LC50	96	Fish	1684.686mg/L	3
tartaric acid	EC50	96	Algae or other aquatic plants	434.65983mg/L	3
tartaric acid	LC50	96	Fish	>100mg/L	2
tartaric acid	EC50	48	Crustacea	93.313mg/L	2
tartaric acid	EC50	72	Algae or other aquatic plants	51.4043mg/L	2
tartaric acid	NOEC	72	Algae or other aquatic plants	3.125mg/L	2
2-hydroxyethyl methacrylate	LC50	96	Fish	>100mg/L	2
2-hydroxyethyl methacrylate	EC50	48	Crustacea	210mg/L	2
2-hydroxyethyl methacrylate	EC50	504	Crustacea	90.1mg/L	2
2-hydroxyethyl methacrylate	NOEC	504	Crustacea	24.1mg/L	2
2-hydroxyethyl methacrylate	EC50	72	Algae or other aquatic plants	345mg/L	2

Legend:

Aquatic Toxicity Data (Estimated) 4. US EPA, Ecotox database - Aquatic Toxicity Data 5. ECETOC Aquatic Hazard Assessment Data 6. NITE (Japan) -Bioconcentration Data 7. METI (Japan) - Bioconcentration Data 8. Vendor Data

Harmful to aquatic organisms. May cause long-term adverse effects in the aquatic environment. **DO NOT** discharge into sewer or waterways.

12.2. Persistence and degradability

Ingredient	Persistence: Water/Soil	Persistence: Air
acrylic acid homopolymer	LOW	LOW
tartaric acid	LOW	LOW
2-hydroxyethyl methacrylate	LOW	LOW

12.3. Bioaccumulative potential

Ingredient	Bioaccumulation
acrylic acid homopolymer	LOW (LogKOW = 0.4415)
tartaric acid	LOW (LogKOW = -1.0017)
2-hydroxyethyl methacrylate	LOW (BCF = 1.54)

12.4. Mobility in soil

Ingredient	Mobility
acrylic acid homopolymer	HIGH (KOC = 1.201)
tartaric acid	HIGH (KOC = 1)
2-hydroxyethyl methacrylate	HIGH (KOC = 1.043)

12.5.Results of PBT and vPvB assessment

	Р	В	т
Relevant available data	Not Available	Not Available	Not Available
PBT Criteria fulfilled?	Not Available	Not Available	Not Available

12.6. Other adverse effects

No data available

SECTION 13 DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Product / Packaging disposal	 DO NOT allow wash water from cleaning or process equipment to enter drains. It may be necessary to collect all wash water for treatment before disposal. In all cases disposal to sewer may be subject to local laws and regulations and these should be considered first. Where in doubt contact the responsible authority. Consult State Land Waste Management Authority for disposal. Bury residue in an authorised landfill.
Waste treatment options	Not Available
Sewage disposal options	Not Available

SECTION 14 TRANSPORT INFORMATION

Labels Required	
Marine Pollutant	NO
HAZCHEM	Not Applicable
Land transport (ADR): NOT	REGULATED FOR TRANSPORT OF DANGEROUS GOODS
14.1 UN number	NatApplicable

14.1.0N number	Not Applicable				
14.2.Packing group	Not Applicable				
14.3.UN proper shipping name	Not Applicable				
14.4.Environmental hazard	Not Applicable				
14.5. Transport hazard class(es)	Class Not Applicable Subrisk Not Applicable				
14.6. Special precautions for user	Hazard identification (Kemler) Classification code Hazard Label Special provisions Limited quantity	Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable			

Air transport (ICAO-IATA / DGR): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

14.1. UN number	Not Applicable			
14.2. Packing group	Not Applicable			
14.3. UN proper shipping name	Not Applicable			
14.4. Environmental hazard	Not Applicable			
14.5. Transport hazard class(es)	ICAO/IATA Class Not Applicable ICAO / IATA Subrisk Not Applicable ERG Code Not Applicable			
14.6. Special precautions for user	Special provisions Cargo Only Packing Instructions Cargo Only Maximum Qty / Pack Passenger and Cargo Packing Instructions Passenger and Cargo Maximum Qty / Pack Passenger and Cargo Limited Quantity Packing Instructions Passenger and Cargo Limited Maximum Qty / Pack	Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable		

Sea transport (IMDG-Code / GGVSee): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

14.1. UN number	Not Applicable
14.2. Packing group	Not Applicable
14.3. UN proper shipping name	Not Applicable
14.4. Environmental hazard	Not Applicable
14.5. Transport hazard class(es)	IMDG Class Not Applicable IMDG Subrisk Not Applicable
14.6. Special precautions for user	EMS Number Not Applicable Special provisions Not Applicable Limited Quantities Not Applicable

Inland waterways transport (ADN): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

14.1. UN number	Not Applicable		
14.2. Packing group	Not Applicable		
14.3. UN proper shipping name	Not Applicable		
14.4. Environmental hazard	Not Applicable		
14.5. Transport hazard class(es)	Not Applicable Not Applicable		
14.6. Special precautions for user	Classification codeNot ApplicableSpecial provisionsNot ApplicableLimited quantityNot ApplicableEquipment requiredNot ApplicableFire cones numberNot Applicable		

Transport in bulk according to Annex II of MARPOL and the IBC code

Not Applicable

SECTION 15 REGULATORY INFORMATION

15.1. Safety, health and environmental regulations / legislation specific for the substance or mixture

ACRYLIC ACID HOMOPOLYMER(9003-01-4) IS FOUND ON THE FOLLOWING REGULATORY LISTS

EU REACH Regulation (EC) No 1907/2006 - Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles European Customs Inventory of Chemical Substances ECICS (English) International Agency for Research on Cancer (IARC) - Agents Classified by the IARC Monographs

TARTARIC ACID(87-69-4) IS FOUND ON THE FOLLOWING REGULATORY LISTS

European Customs Inventory of Chemical Substances ECICS (English) European List of Notified Chemical Substances (ELINCS) European Union - European Inventory of Existing Commercial Chemical Substances (EINECS) (English)

2-HYDROXYETHYL METHACRYLATE(868-77-9) IS FOUND ON THE FOLLOWING REGULATORY LISTS

EU European Chemicals Agency (ECHA) Community Rolling Action Plan (CoRAP) List of Substances

European Customs Inventory of Chemical Substances ECICS (English)

European Union - European Inventory of Existing Commercial Chemical Substances (EINECS) (English)

European Union (EU) Annex I to Directive 67/548/EEC on Classification and Labelling of Dangerous Substances - updated by ATP: 31 European Union (EU) Regulation (EC) No 1272/2008 on Classification, Labelling and Packaging of Substances and Mixtures - Annex VI

GLASS POWDER(NOT APPLICABLE) IS FOUND ON THE FOLLOWING REGULATORY LISTS

Not Applicable

This safety data sheet is in compliance with the following EU legislation and its adaptations - as far as applicable -: 67/548/EEC, 1999/45/EC, 98/24/EC, 92/85/EC, 94/33/EC, 91/689/EEC, 1999/13/EC, Commission Regulation (EU) 2015/830, Regulation (EC) No 1272/2008 and their amendments as well as the following British legislation: - The Control of Substances Hazardous to Health Regulations (COSHH) 2002 - COSHH Essentials - The Management of Health and Safety at Work Regulations 1999

15.2. Chemical safety assessment

For further information please look at the Chemical Safety Assessment and Exposure Scenarios prepared by your Supply Chain if available.

ECHA SUMMARY

Ingredient	CAS number	Index No		ECHA Dossier		
acrylic acid homopolymer	9003-01-4	Not Available	Not Available		Not Available	
Harmonisation (C&L Inventory)	Hazard Class and Category Code(s)	azard Class and Category Code(s)		Signal s)	Hazard Statement Code(s)	
1	Not Classified		Wng, GHS08, Dgr, GHS05, GHS09, GHS02		H319, H335, H340, H350, H314, H332, H317, H290, H226, H302, H312	
2	Not Classified, Skin Irrit. 2, Eye Irrit. 2, STOT SE 3, Muta. 1B, Carc. 1A, Skin Corr. 1B, Aquatic Chronic 3, Skin Corr. 1A, Acute Tox. 4, Met. Corr. 1, Flam. Liq. 3, Aquatic Acute 1		Wng, GHS08, GHS05, GHS0	0,	H319, H335, H340, H350, H314, H332, H317, H290, H226, H302, H312	
2	Skin Corr. 1B, Eye Dam. 1		GHS05, Dgr		H314	

Harmonisation Code 1 = The most prevalent classification. Harmonisation Code 2 = The most severe classification.

Ingredient	CAS number	Index No	ECHA Dossier				
tartaric acid	87-69-4	Not Available	01-2119537204-47-XXXX, 01-2119851173-43-XXXX, 01-2119851174-41-XXXX				
Harmonisation (C&L Inventory)	Hazard Class and Category Code(s)		Pictograms Signal Word Code(s)	Hazard Statement Code(s)			
1	Acute Tox. 4, Skin Irrit. 2, Skin Sens. 1, Eye Irrit. 2, STOT SE 3			GHS07, Wng	H302, H315, H317, H319, H335		
2	Eye Dam. 1, Skin Irrit. 2 Aquatic Chronic 3, Eye	, Skin Irrit. 2, Acute Tox. 4, Skin Sens. 1, Eye Irrit. 2, STOT SE 3, Not Classified, onic 3, Eye Irrit. 2A		GHS05, Dgr, Wng, GHS06	H318, H315, H302, H317, H335		
Unerrentiation Order 4. The most environmental electronic state or of a D. The most environmental state for							

Harmonisation Code 1 = The most prevalent classification. Harmonisation Code 2 = The most severe classification.

Ingredient	CAS number Index No		ECHA Dossier		
2-hydroxyethyl methacrylate	868-77-9 607-124-00-X 0		01-2119490169-29-XXXX		
Harmonisation (C&L Inventory)	Hazard Class and Category Code(s)		Pictograms Signal Word Code(s)	Hazard Statement Code(s)	
1	Skin Irrit. 2, Skin Sens. 1, Eye Irrit. 2		GHS07, Wng	H315, H317, H319	
2	Skin Sens. 1, Eye Irrit. 2, Skin Irrit. 2, Skin Sens. 1B, Aquatic Chronic 4, Not Classified		GHS07, Wng	H317, H319, H315	

Harmonisation Code 1 = The most prevalent classification. Harmonisation Code 2 = The most severe classification.

Ingredient	CAS number			ECHA Dossier		
glass powder				Not Ap	Not Applicable	
Harmonisation (C&L Inventory)	Hazard Class and Category Code(s)		Pictograms Signal Word Code(s)		Hazard Statement Code(s)	
Not Available	Available Not Available		Not Available		Not Available	

Harmonisation Code 1 = The most prevalent classification. Harmonisation Code 2 = The most severe classification.

National Inventory	Status
Australia - AICS	Υ
Canada - DSL	Υ
Canada - NDSL	N (acrylic acid homopolymer; tartaric acid; 2-hydroxyethyl methacrylate)
China - IECSC	Υ
Europe - EINEC / ELINCS / NLP	N (acrylic acid homopolymer)
Japan - ENCS	Υ
Korea - KECI	Υ
New Zealand - NZIoC	Υ
Philippines - PICCS	Υ

USA - TSCA	Y
Legend:	Y = All ingredients are on the inventory N = Not determined or one or more incredients are not on the inventory and are not exempt from listing(see specific incredients in brackets)

SECTION 16 OTHER INFORMATION

Full text Risk and Hazard codes H226 Flammable liquid and vapour. H290 May be corrosive to metals H302 Harmful if swallowed H312 Harmful in contact with skin. H314 Causes severe skin burns and eye damage. H318 Causes serious eye damage. H332 Harmful if inhaled. H340 May cause genetic defects. H350 May cause cancer. H411 Toxic to aquatic life with long lasting effects. R36/38 Irritating to eyes and skin. R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Other information

DSD / DPD label elements



Relevant risk statements are found in section 2.1

Indication(s) of danger Xi						
SAFETY ADVICE	SAFETY ADVICE					
S02	Keep out of reach of children.					
\$23	Do not breathe gas/fumes/vapour/spray.					
S24	Avoid contact with skin.					
S26 In case of contact with eyes, rinse with plenty of water and contact Doctor or Poisons Information Centre.						
S35 This material and its container must be disposed of in a safe way.						
S37 Wear suitable gloves.						
S39	Wear eye/face protection.					
S40	To clean the floor and all objects contaminated by this material, use water.					
S46 If swallowed, seek medical advice immediately and show this container or label.						
S56	Dispose of this material and its container at hazardous or special waste collection point.					
S64	S64 If swallowed, rinse mouth with water (only if the person is conscious).					

Classification of the preparation and its individual components has drawn on official and authoritative sources as well as independent review by SDI Limited using available literature references.

The SDS is a Hazard Communication tool and should be used to assist in the Risk Assessment. Many factors determine whether the reported Hazards are Risks in the workplace or other settings. Risks may be determined by reference to Exposures Scenarios. Scale of use, frequency of use and current or available engineering controls must be considered.

For detailed advice on Personal Protective Equipment, refer to the following EU CEN Standards:

EN 166 Personal eye-protection

EN 340 Protective clothing

EN 374 Protective gloves against chemicals and micro-organisms

EN 13832 Footwear protecting against chemicals

EN 133 Respiratory protective devices

Definitions and abbreviations

PC-TWA: Permissible Concentration-Time Weighted Average PC-STEL: Permissible Concentration-Short Term Exposure Limit IARC: International Agency for Research on Cancer ACGIH: American Conference of Governmental Industrial Hygienists STEL: Short Term Exposure Limit TEEL: Temporary Emergency Exposure Limit。 IDLH: Immediately Dangerous to Life or Health Concentrations OSF: Odour Safety Factor

NOAEL :No Observed Adverse Effect Level

LOAEL: Lowest Observed Adverse Effect Level

TLV: Threshold Limit Value

LOD: Limit Of Detection

OTV: Odour Threshold Value

BCF: BioConcentration Factors BEI: Biological Exposure Index

The information contained in the Safety Data Sheet is based on data considered to be accurate, however, no warranty is expressed or implied regarding the accuracy of the data or the results to be obtained from the use thereof.

Other information:

Prepared by: SDI Limited 3-15 Brunsdon Street, Bayswater Victoria, 3153, Australia Phone Number: +61 3 8727 7111 Department issuing SDS: Research and Development Contact: Technical Director