

SDI Limited

Version No: 3.1.1.1 Safety Data Sheet (Conforms to Regulations (EC) No 2015/830)

Issue Date: 29/01/2016 Print Date: 24/03/2016 Initial Date: Not Available L.REACH.GBR.EN

SECTION 1 IDENTIFICATION OF THE SUBSTANC	E / MIXTURE AND OF THE COMPANY / UNDERTAKING
1.1.Product Identifier	

Synonyms Other means of identification 2. Relevant identified uses Relevant identified uses Uses advised against 3. Details of the supplier of Registered company name	Riva Light Cure HV Capsules Not Available Not Available s of the substance or mixture and use Light-cured dental cement for dental restoration Not Applicable		
Other means of identification 2. Relevant identified uses Relevant identified uses Uses advised against 3. Details of the supplier of	s of the substance or mixture and use Light-cured dental cement for dental restoration Not Applicable		
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3. Details of the supplier o			the second secon
	of the safety data sheet		
	SDI Limited	SDI Brazil Industria E Comercio Ltda	1.22 ** * * * * * * * *
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The first of the state of the s	SDI (North America) Inc.		10 M
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Website	Not Available		and the same of the same and the same of
Emergency telephone nu Association / Organisation	SDI Limited	Not Available	Not Available
Emergency telephone numbers	+61 3 8727 7111	Not Available	
ther emergency telephone	A BHE W W		Not Available
numbers	ay.cahill@sdi.com.au	Not Available	Not Available
The second secon		Contract of the second contract	- Long name - a major - and a major - and
CONTRACTOR	Not Available		
Emergency telephone numbers	61 3 8727 7111		The state of the s
ther emergency telephone	Not Available		a management and annual community of the
numbers	NOT AVAILABLE		
			. The second
TION 2 HAZARDS IDEN	TIFICATION		
Na-161			
Classification of the subs	tance or mixture		
nsidered a dangerous r	mixture according to directive 19	99/45/EC, Reg. (EC) No 1272/2008 (if a	annlinghle) and the least of th
ssified as Dangerous G	coods for transport purposes.	12/2/2006 (II a	ppricable) and their amendments. N
DSD classification In	rase of mixtures, classification has		
and the same of th	one of mixtures, classification has been prepar	red by following DPD (Directive 1999/45/EC) and CLP	Regulation (EC) No 1272/2008 regulations
DPD classification [1]	R36/37/38 Imitating to eyes, respiratory syste	em and skin.	

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Riva Light Cure HV Capsules

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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 Legend: Classification according to Skin Corrosion/Irritation Category 2, Eye Irritation Category 2, Skin Sensitizer Category 1, Specific target organ toxicity - single exposure Category 3 regulation (EC) No 1272/2008 [CLP] [1] 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) Causes skin imitation. H315 H319 Causes serious eye irritation. H317 May cause an allergic skin reaction. H335 May cause respiratory irritation. Supplementary statement(s) Not Applicable Precautionary statement(s) Prevention P271 Use only outdoors or in a well-ventilated area. P280 Wear protective gloves/protective clothing/eye protection/face protection. P261 Avoid breathing dust/fume/gas/mist/vapours/spray. 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 IF 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. If skin imitation or rash occurs: Get medical advice/attention. P333+P313 P337+P313 If eye imitation 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 contents/container in accordance with local regulations. 2.3. Other hazards Ingestion may produce health damage*. Cumulative effects may result following exposure*. 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 See 'Composition on ingredients' in Section 3.2

3.1.Substances

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 contains	and the same of the same of the same of	
1.9003-01-4 2.Not Available 3.Not Available 4.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]

1.868-77-9

3.607-124-00-X

1. Not Available

3.Not Available

4.Not Available 1. Not Available 2.Not Available

3. Not Available

4.Not Available 1.87-69-4 2 201-766-0 3.Not Avail

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Riva Light Cure HV Capsules

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2-hydroxyethyl methacrylate Eye Imitation Category 2, Skin Corrosion/Imitation Category 2, Skin Sensitizer 15-25 R36/38, R43 [2] Category 1; H319, H315, H317 [3] 4.01-2119490169-29-XXXX dimethacrylate 10-25 Not Applicable Not Applicable 10-20 acid monomer Not Applicable Not Applicable Skin Corrosion/Irritation Category 2, Eye Irritation Category 2, Specific target organ toxicity - single exposure Category 3 (respiratory tract irritation); H315, H319, H335 tartaric acid 1-5 R36/37/38 [1] 4.01-2119537204-47-XXXX 01-2119851173-43-XXXX 01-2119851174-41-XXXX compartment 2

1.Not Available 2.Not Applicable 3.Not Applicable 4. Not Applicable

93-100

glass powder

Not Applicable

Not Applicable

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 drawn from C&L.

SECTION 4 FIRST AID MEASURES

4.1. Description of first aid measures

General

- Immediately remove all contaminated clothing, including foot
- Flush skin and hair with running water (and soap if available). Seek medical attention in event of imitation.
- If this product comes in contact with the eyes:
- Wash out immediately with fresh running water.
- Ensure complete imgation 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 fumes or combustion products are inhaled remove from contaminated area.
- - If swallowed do NOT induce vomiting.
 - If vomiting occurs, lean patient forward or place on left side (head-down position, if possible) to maintain open airway and prevent aspiration.

 Observe the patient carefully.

 - Never give liquid to a person showing signs of being sleepy or with reduced awareness; i.e. becoming unconscious
 - Give water to rinse out mouth, then provide liquid slowly and as much as casualty can comfortably drink
 - Seek medical advice.

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.
- 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 imitation.
- Inhalation
- If fumes or combustion products are inhaled remove from contaminated area.
- Seek medical attention.
- If swallowed do NOT induce vomiting. If vomiting occurs, lean patient forward or place on left side (head-down position, if possible) to maintain open airway and prevent aspiration.
- Observe the patient carefully. Ingestion
 - Never give liquid to a person showing signs of being sleepy or with reduced awareness; i.e. becoming unconscious. Give water to rinse out mouth, then provide liquid slowly and as much as casualty can comfortably drink.
 - Seek medical advice
- 4.2 Most important symptoms and effects, both acute and delayed

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

Treat symptomatically

SECTION 5 FIREFIGHTING MEASURES

5.1. Extinguishing media

Foam is generally ineffective

5.2. Special hazards arising from the substrate or mixture

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Fire Incompatibility

None known.

Advice for firefighters

Alert Fire Brigade and tell them location and nature of hazard.

Wear breathing apparatus plus protective gloves.

Prevent, by any means available, spillage from entering drains or water courses.

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.

Combustible.

Slight fire hazard when exposed to heat or flame.

Heating may cause expansion or decomposition leading to violent rupture of containers.

On combustion, may emit toxic furnes of carbon monoxide (CO).

May emit acrid smoke.

Mists containing combustible materials may be explosive.

Combustion products include; carbon dioxide (CO2) nitrogen oxides (NOx) other pyrolysis products typical of burning organic materialMay emit poisonous furnes. May emit corrosive furnes.

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

and the state of t	
	Clean up all spills immediately.
Minor Spills	 Avoid contact with skin and eyes.
	 Wear impervious gloves and safety goggles.
winor spills	Trowel up/scrape up.
1	 Place spilled material in clean, dry, sealed container.
	Flush spill area with water.
	► Clear area of personnel and move upwind.
	 Alert Fire Brigade and tell them location and nature of hazard.
	 Wear breathing apparatus plus protective gloves.
	 Prevent, by any means available, spillage from entering drains or water course.
	Stop leak if safe to do so.
	 Contain spill with sand, earth or vermiculite.
Major Spills	 Collect recoverable product into labelled containers for recycling.
i	Neutralise/decontaminate residue (see Section 13 for specific agent).
	Collect solid residues and seal in labelled drums for disposal.
i	Wash area and prevent runoff into drains.
	After clean up operations, decontaminate and launder all protective clothing and equipment before storing and re-using.
i	If contamination of drains or waterways occurs, advise emergency services.
The second second second second	

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 containers. 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 between 5 and 25 deg. C. Do not store in direct sunlight. Store in a dry and well ventilated-area, away from heat and sunlight.
7.2. Conditions for safe st	orage, including any incompatibilities
Suitable container	DO NOT repack. Use containers supplied by manufacturer only. Check that containers are clearly labelled and free from leaks.

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Storage incompatibility None known

7.3. Specific end use(s)

See section 1.2

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

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	Not Available
EMERGENCY LIMITS					- In a communication was	
Ingredient	Material name			TEEL-1	TEEL-2	TEEL-3
acrylic acid homopolymer	Acrylic acid polyme	rs; (Acrylic polymer or resin)		7.5 mg/m3	83 mg/m3	500 mg/m3
2-hydroxyethyl methacrylate	Hydroxyethyl metha	crylate, 2-		0.71 mg/m3	7.8 mg/m3	1000 mg/m3
tartaric acid	ric acid Tartaric acid				17 mg/m3	100 mg/m3
Ingredient	Original IDLH			Revised IDLH		
acrylic acid homopolymer	Not Available		1000.1	Not Available	entrative to the second of the second of the second of	e en carron e e en estado en en entre entre entre en entre entre entre en entre entre en entre entr
2-hydroxyethyl methacrylate	Not Available			Not Available		
dimethacrylate cross-linker	Not Available		- 100	Not Available	a 1	
acid monomer	Not Available			Not Available		
tartaric acid	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

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

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:

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 the worker and ventilation that strategically "adds" and "removes" air in the work environment. Ventilation can remove or dilute an air contaminant if designed properly. The design of a ventilation system must match the particular process and chemical or contaminant in use.

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 required in special circumstances. If risk of overexposure exists, wear approved respirator. Supplied-air type respirator may be required in special circumstances. Correct fit is essential to ensure adequate protection. Provide adequate ventilation in warehouses and enclosed storage areas. Air contaminants generated in the workplace possess varying "escape" velocities which, in turn, determine the "capture velocities" of fresh circulating air required to effectively remove the contaminant.

8.2.1. Appropriate engineering controls

	Air Speed:
solvent, vapours, degreasing etc., evaporating from tank (in still air).	0.25-0.5 m/s (50-100 f/min)
aerosols, furnes from pouring operations, intermittent container filling, low speed conveyer transfers, welding, spray drift, plating acid furnes, pickling (released at low velocity into zone of active generation)	0.5-1 m/s (100-200 f/min.)
direct spray, spray painting in shallow booths, drum filling, conveyer loading, crusher dusts, gas discharge (active generation into zone of rapid air motion)	1-2.5 m/s (200-500 f/min.)
grinding, abrasive blasting, tumbling, high speed wheel generated dusts (released at high initial velocity into zone of very high rapid air motion)	2.5-10 m/s (500-2000 f/min.)

Within each range the appropriate value depends on:

Type of Contaminant:

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

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Simple theory shows that air velocity falls rapidly with distance away from the opening of a simple extraction pipe. Velocity generally decreases with the square of distance from the extraction point (in simple cases). Therefore the air speed at the extraction point should be adjusted, accordingly, after reference to distance from the contaminating source. The air velocity at the extraction fan, for example, should be a minimum of 1-2 m/s (200-400 f/min) for extraction of solvents generated in a tank 2 meters distant from the extraction point. Other mechanical considerations, producing performance deficits within the extraction apparatus, make it essential that theoretical air velocities are multiplied by factors of 10 or more when extraction systems are installed or used.

8.2.2. Personal protection

- Safety glasses with side shields.
- Chemical goggles

Eye and face protection

 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 ienses 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 imitation - 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

- Overalls.
- Other protection
- P.V.C. apron.Barrier cream.
- Skin cleansing cream
- Eye wash 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 bolling point organic compounds(below 65 degC)

8.2.3. Environmental exposure controls

See section 12

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

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

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Vapour density (Air = 1) Not Available

VOC g/L Not Available

9.2. Other information

Not Available

SECTION 10 STABILITY AND REACTIVITY

See section 7.2																			
Product is considered	d stable a	and ha	zardou	s poly	merisat	ion will	not occ	ur.											
See section 7.2				0 5							55,60		1 10 000						
See section 7.2																			
See section 7.2																			
See section 5.3																			
	Product is considered See section 7.2 See section 7.2 See section 7.2	Product is considered stable. See section 7.2 See section 7.2 See section 7.2	Product is considered stable and ha See section 7.2 See section 7.2 See section 7.2	Product is considered stable and hazardou See section 7.2 See section 7.2 See section 7.2	Product is considered stable and hazardous polyr See section 7.2 See section 7.2 See section 7.2	Product is considered stable and hazardous polymerisal See section 7.2 See section 7.2 See section 7.2	Product is considered stable and hazardous polymerisation will See section 7.2 See section 7.2 See section 7.2	Product is considered stable and hazardous polymerisation will not occ See section 7.2 See section 7.2 See section 7.2	Product is considered stable and hazardous polymerisation will not occur. See section 7.2 See section 7.2 See section 7.2	Product is considered stable and hazardous polymerisation will not occur. See section 7.2 See section 7.2 See section 7.2	Product is considered stable and hazardous polymerisation will not occur. See section 7.2 See section 7.2 See section 7.2	Product is considered stable and hazardous polymerisation will not occur. See section 7.2 See section 7.2 See section 7.2	Product is considered stable and hazardous polymerisation will not occur. See section 7.2 See section 7.2 See section 7.2	Product is considered stable and hazardous polymerisation will not occur. See section 7.2 See section 7.2 See section 7.2	Product is considered stable and hazardous polymerisation will not occur. See section 7.2 See section 7.2 See section 7.2	Product is considered stable and hazardous polymerisation will not occur. See section 7.2 See section 7.2 See section 7.2	Product is considered stable and hazardous polymerisation will not occur. See section 7.2 See section 7.2 See section 7.2	See section 7.2 See section 7.2 See section 7.2 See section 7.2 See section 7.2	See section 7.2

SECTION 11 TOXICOLOGICAL INFORMATION

11.1. Information	on	toxicological effects	

Inhaled	damage. The repair process, which initially evolved to protect resulting in the impairment of gas exchange, the primary functine recruitment and activation of many cell types, mainly derive	are pulmonary irritation, including coupling with pauses; central passing system deserving
Ingestion	Accidental ingestion of the material may be damaging to the he	ealth of the individual.
Skin Contact	twenty-four hours or more after the end of the exposure period form of contact dermatitis (nonallergic). The dermatitis is often blistering (vesiculation), scaling and thickening of the epidermi (spongiosis) and intracellular oedema of the epidermis. The material may accentuate any pre-existing dermatitis conditioned or initiated skin should not be exposed to the content of the exposed to the	his material ns. puncture wounds or lesions, may produce systemic initial with horms I officets. Exercise the
Еуе	Evidence exists, or practical experience predicts, that the mate ocular lesions which are present twenty-four hours or more after	rial may cause eye irritation in a substantial number of individuals and/or may produce significant er instillation into the eye(s) of experimental animals. haracterised by temporary redness (similar to windthum) of the conjunctive (conjunctivitie)
Chronic	Long-term exposure to respiratory irritants may result in diseas Practical experience shows that skin contact with the material i of producing a positive response in experimental animals.	se of the airways involving difficult breathing and related systemic problems. is capable either of inducing a sensitisation reaction in a substantial number of individuals, and/or
Riva Light Cure HV Capsules	TOXICITY Not Available	IRRITATION Not Available
	TOXICITY	
acrylic acid homopolymer	Oral (rat) LD50: 2500 mg/kgd ^[2]	IRRITATION Nil reported
	TOXICITY	
	Dermal (rabbit) LD50: >3000 mg/kg ^[1]	IRRITATION *Rohm & Haas
2-hydroxyethyl methacrylate	Oral (rat) LD50: >4000 mg/kg ^[1]	Eye (rabbit): SEVERE *
		post-exposure
AND THE RESIDENCE OF THE PROPERTY OF THE PARTY OF THE PAR		Skin (rabbit): non-irritating*
	TOXICITY	IRRITATION
tartaric acid	dermal (rat) LD50: >2000 mg/kg ^[1]	Nil reported
	Oral (rat) LD50: ca.920 mg/kg ^[1]	
glass powder	TOXICITY	IRRITATION
3 p-maor	Not Available	Not Available
Legend:	1 Value abtained from Francisco	Acute toxicity 2.* Value obtained from manufacturer's SDS. Unless otherwise specified data

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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 imitating 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 imitant. 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 PADS. RADS (or aethma) following an imitation inhalation is an infraruent disorrer with rates related to the concentration of and divisition of exposure to the 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. The substance is classified by IARC as Group 3: NOT classifiable as to its carcinogenicity to humans

Evidence of carcinogenicity may be inadequate or limited in animal testing

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 oederna. 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 a contribution of 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.

2-HYDROXYETHYL METHACRYLATE

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 initiating 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 initiant. A reversible ariflow 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. initially substance. Industrial to the first the other hand, is a disorder that occurs a solution supposed out to high concentrations of initially substance. (often particulate in nature) and is completely reversible after exposure ceases. The disorder is characterised by dyspinea, cough and mucus production.

Where no "official" classification for acrylates and methacrylates exists, there has been cautious attempts to create classifications in the absence of contrary evidence. For example

Monalkyl or monoarylesters of acrylic acids should be classified as R36/37/38 and R51/53

Monoality) or monoary lesters of methacrylic acid should be dassified as R\$6,677,88

Based on the available oncogenicity data and without a better understanding of the carcinogenic mechanism the Health and Environmental Review Division (HERD), Office of Toxic Substances (OTS), of the US EPA previously concluded that all chemicals that contain the acrylate or methacrylate moiety (CH2=CHCOO or CH2=C(CH3)COO) should be considered to be a carcinogenic hazard unless shown otherwise by adequate testing. This position has now been revised and acrylates and methacrylates are no longer de facto carcinogens.

Dermal (rabbit): >5000 mg/kg* Effects persist beyond 21 days

TARTARIC ACID

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 Astillable symptoms may continue to incline a very reason and appears of the initial reactive airways dystunction 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 ymphocytic inflammation, without ecsinophilia, 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.

Acute Toxicity Skin Irritation/Corrosion Serious Eye Damage/Irritation Respiratory or Skin sensitisation Mutagenicity

Carcinogenicity Reproductivity STOT - Single Exposure STOT - Repeated Exposure

> Aspiration Hazard Legend:

X - Data available but does not fill the criteria for classification

✓ – Data required to make classification available

- Data Not Available to make classification

SECTION 12 ECOLOGICAL INFORMATION

12.1. Toxicity

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
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
artaric acid	EC50	96	Algae or other aquatic plants	434.65983mg/L	3
artaric acid	LC50	96	Fish	>100mg/L	2
artaric acid	EC50	48	Crustacea	93.313mg/L	2
artaric 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

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Extracted from 1. IUCLID Toxicity Data 2. Europe ECHA Registered Substances - Ecotoxicological Information - Aquatic Toxicity 3. EPIWIN Suite V3.12 - 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

DO NOT discharge into sewer or waterways.

12.2. Persistence and degradability

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

12.3. Bioaccumulative potential

Ingredient	Bioaccumulation							
acrylic acid homopolymer	LOW (LogKOW = 0.4415)	manner.	 		 		 - 1	
2-hydroxyethyl methacrylate	LOW (BCF = 1.54)			-		200		
tartaric acid	LOW (LogKOW = -1.0017)							

12.4. Mobility in soil

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

12.5.Results of PBT and vPvB assessment

man - 1 10 100 -	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.
- Do NOT allow wastri 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

Marine Pollutant

Labe	Is	Rea	uired

Not Applicable								
REGULATED FOR TRANSP	ORT OF DANGERO	ous goods						
Not Applicable								
Not Applicable								
Not Applicable							. = = 0.11	
Not Applicable								
Class Not Applicable Subrisk Not Applicable								
Hazard identification (Kemler) Classification code Hazard Label Special provisions	Not Applicable Not Applicable Not Applicable Not Applicable			(1 44)				
	REGULATED FOR TRANSP Not Applicable Not Applicable Not Applicable Class Not Applicable Subrisk Not Applicable Hazard identification (Kemler) Classification code Hazard Label	REGULATED FOR TRANSPORT OF DANGERO Not Applicable Not Applicable Not Applicable Class Not Applicable Subrisk Not Applicable Hazard identification (Kemler) Classification code Not Applicable Hazard Label Not Applicable	REGULATED FOR TRANSPORT OF DANGEROUS GOODS Not Applicable Not Applicable Not Applicable Class Not Applicable Subrisk Not Applicable Hazard identification (Kemler) Not Applicable Classification code Not Applicable Hazard Label Not Applicable	REGULATED FOR TRANSPORT OF DANGEROUS GOODS Not Applicable Not Applicable Not Applicable Class Not Applicable Subrisk Not Applicable Hazard identification (Kemler) Not Applicable Classification code Not Applicable Hazard Label Not Applicable	REGULATED FOR TRANSPORT OF DANGEROUS GOODS Not Applicable Not Applicable Not Applicable Class Not Applicable Subrisk Not Applicable Hazard identification (Kemler) Not Applicable Classification code Not Applicable Hazard Label Not Applicable	REGULATED FOR TRANSPORT OF DANGEROUS GOODS Not Applicable Not Applicable Not Applicable Class Not Applicable Subrisk Not Applicable Hazard identification (Kemler) Not Applicable Classification code Not Applicable Hazard Label Not Applicable	REGULATED FOR TRANSPORT OF DANGEROUS GOODS Not Applicable Not Applicable Not Applicable Class Not Applicable Subrisk Not Applicable Hazard identification (Kemler) Not Applicable Classification code Not Applicable Hazard Label Not Applicable	REGULATED FOR TRANSPORT OF DANGEROUS GOODS Not Applicable Not Applicable Not Applicable Class Not Applicable Subrisk Not Applicable Hazard identification (Kemler) Not Applicable Classification code Not Applicable Hazard Label Not Applicable

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Limited quantity 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 Not Applicable 14.4. Environmental hazard Not Applicable ICAO/IATA Class Not Applicable 14.5. Transport hazard ICAO / IATA Subrisk Not Applicable class(es) ERG Code Not Applicable Special provisions Not Applicable Cargo Only Packing Instructions Not Applicable Cargo Only Maximum Qty / Pack Not Applicable 14.6. Special precautions for Passenger and Cargo Packing Instructions Not Applicable user Passenger and Cargo Maximum Qty / Pack Not Applicable Passenger and Cargo Limited Quantity Packing Instructions Not Applicable Passenger and Cargo Limited Maximum Qty / Pack 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 Not Applicable 14.4. Environmental hazard Not Applicable IMDG Class 14.5. Transport hazard Not Applicable class(es) IMDG Subrisk Not Applicable EMS Number Not Applicable 14.6. Special precautions for 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 Not Applicable 14.4. Environmental hazard Not Applicable 14.5. Transport hazard Not Applicable Not Applicable

class(es) Classification code Not Applicable Special provisions Not Applicable 14.6. Special precautions for Limited quantity Not Applicable Equipment required Not Applicable Fire cones number Not Applicable

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

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

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

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

European Customs Inventory of Chemical Substances ECICS (English)

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

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

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)

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

			Index No	ECHA	Dossier	
acrylic acid homopolymer	9003-01-4		Not Available	Not Ava	ilable	
Harmonisation (C&L Inventory)	Hazard Class and C	ategory Code(s)		Pictograms Signal Word Code(s)	Hazar	rd Statement Code(s)
U	Not Classified			Wng, GHS08, Dgr, GHS05, GHS09, GHS02	1 1220	H335, H340, H350, H314, H317, H290, H226, H302,
2	Not Classified, Skin In 1B, Aquatic Chronic 3 Aquatic Acute 1	nit. 2, Eye Irrit. 2, STOT , Skin Corr. 1A, Acute	SE 3, Muta. 1B, Carc. 1A, Skin Corr. Tox. 4, Met. Corr. 1, Flam. Liq. 3,	Wng, GHS08, Dgr, GHS05, GHS09, GHS02	11000	H335, H340, H350, H314, H317, H290, H226, H302,
2	Skin Corr. 1B, Eye Dar	m. 1		GHS05, Dgr	H314	7000000
Harmonisation Code 1 = The n	nost prevalent classification	. Harmonisation Code	2 = The most severe classification.			
ngredient	CAS number		Index No	ECHA Dossier		**** **** * ****** *** *** ***
2-hydroxyethyl methacrylate	868-77-9	Palificial of the second of th	607-124-00-X			Production of the State of the
			007-124-00-X	01-2119490169-29-XXX	CX .	
Harmonisation (C&L nventory)	Hazard Class and Ca	ategory Code(s)		Pictograms Signal Wo Code(s)	rd	Hazard Statement Code(s)
	Skin Imit. 2, Skin Sens.			GHS07, Wng		H315, H317, H319
19 (# 04	Classified		ns. 1B, Aquatic Chronic 4, Not	GHS07, Wng		H317, H319, H315
	nost prevalent classification.	Harmonisation Code 2	? = The most severe classification.			
ngredient	CAS number	Index No	ECHA Dossier			
artaric acid	87-69-4	Not Available	01-2119537204-47-XXXX, 01-21198	351173-43-XXXX, 01-211985	1174-41-XXXX	
larmonisation (C&L nventory)	Hazard Class and Ca	tegory Code(s)		Pictograms Sig Code(s)	nal Word	Hazard Statement Code(s)
	Hazard Class and Ca Acute Tox. 4, Skin Irrit.		it. 2, STOT SE 3		nal Word	Code(s) H302, H315, H317, H319
	Acute Tox. 4, Skin Irrit.	2, Skin Sens. 1, Eye Im 2, Acute Tox. 4, Skin Se	it. 2, STOT SE 3 ens. 1, Eye Irrit. 2, STOT SE 3, Not Class	Code(s) GHS07, Wng		Code(s) H302, H315, H317, H319 H335 H318, H315, H302, H317
eventory)	Acute Tox. 4, Skin Irrit. Eye Dam. 1, Skin Irrit. 2 Aquatic Chronic 3, Eye	2, Skin Sens. 1, Eye Im 2, Acute Tox. 4, Skin Se e Irrit. 2A		Code(s) GHS07, Wng		Code(s) H302, H315, H317, H319 H335
nventory) larmonisation Code 1 = The me	Acute Tox. 4, Skin Irrit. Eye Dam. 1, Skin Irrit. Aquatic Chronic 3, Eye ost prevalent classification.	2, Skin Sens. 1, Eye Im 2, Acute Tox. 4, Skin Se e Irrit. 2A	ens. 1, Eye Irrit. 2, STOT SE 3, Not Class = The most severe classification.	Code(s) GHS07, Wng iffied, GHS05, Dgr, Wn	g. GHS06	Code(s) H302, H315, H317, H319 H335 H318, H315, H302, H317
nventory)	Acute Tox. 4, Skin Irrit. Eye Dam. 1, Skin Irrit. 2 Aquatic Chronic 3, Eye	2, Skin Sens. 1, Eye Im 2, Acute Tox. 4, Skin Se e Irrit. 2A	ens. 1, Eye Irrit. 2, STOT SE 3, Not Class = The most severe classification. Index No	Code(s) GHS07, Wng iffied, GHS05, Dgr, Wn	g. GHS06 Dossier	Code(s) H302, H315, H317, H319 H335 H318, H315, H302, H317
armonisation Code 1 = The me agredient ass powder	Acute Tox. 4, Skin Irrit. Eye Dam. 1, Skin Irrit. Aquatic Chronic 3, Eye ost prevalent classification.	2, Skin Sens. 1, Eye Im 2, Acute Tox. 4, Skin Se e Irrit. 2A	ens. 1, Eye Irrit. 2, STOT SE 3, Not Class = The most severe classification.	Code(s) GHS07, Wng iffied, GHS05, Dgr, Wn	g. GHS06 Dossier	Code(s) H302, H315, H317, H319 H335 H318, H315, H302, H317
armonisation Code 1 = The magnetistics gredient ass powder armonisation (C&L	Acute Tox. 4, Skin Irrit. Eye Dam. 1, Skin Irrit. Aquatic Chronic 3, Eye ost prevalent classification.	2, Skin Sens. 1, Eye Im 2, Acute Tox. 4, Skin Se I Irrit. 2A Harmonisation Code 2	ens. 1, Eye Irrit. 2, STOT SE 3, Not Class = The most severe classification. Index No	Code(s) GHS07, Wng iffied, GHS05, Dgr, Wn ECHA I	g, GHS06 Dossier Dicable	Code(s) H302, H315, H317, H319 H335 H318, H315, H302, H317
armonisation Code 1 = The maggredient ass powder armonisation (C&L ventory) ot Available	Acute Tox. 4, Skin Irrit. Eye Dam. 1, Skin Irrit. Aquatic Chronic 3, Eye ost prevalent classification. CAS number Hazard Class and Cat Not Available	2, Skin Sens. 1, Eye Irr 2, Acute Tox. 4, Skin Se I Irrit. 2A Harmonisation Code 2 tegory Code(s)	ens. 1, Eye Irrit. 2, STOT SE 3, Not Class = The most severe classification. Index No Not Applicable Pictograms Signal Word Not Available	Code(s) GHS07, Wng iffied, GHS05, Dgr, Wn ECHA I	g. GHS06 Dossier Dicable Hazard Sta	Code(s) H302, H315, H317, H319 H335 H318, H315, H302, H317 H335
armonisation Code 1 = The maggredient ass powder armonisation (C&L ventory) at Available	Acute Tox. 4, Skin Irrit. Eye Dam. 1, Skin Irrit. Aquatic Chronic 3, Eye ost prevalent classification. CAS number Hazard Class and Cat Not Available	2, Skin Sens. 1, Eye Irr 2, Acute Tox. 4, Skin Se I Irrit. 2A Harmonisation Code 2 tegory Code(s)	ens. 1, Eye Irrit. 2, STOT SE 3, Not Class = The most severe classification. Index No Not Applicable Pictograms Signal Word	Code(s) GHS07, Wng iffied, GHS05, Dgr, Wn ECHA I	g, GHS06 Dossier Dicable	Code(s) H302, H315, H317, H318 H335 H318, H315, H302, H317 H335
armonisation Code 1 = The maggredient ass powder armonisation (C&L ventory) of Available armonisation Code 1 = The mag	Acute Tox. 4, Skin Irrit. Eye Dam. 1, Skin Irrit. Aquatic Chronic 3, Eye ost prevalent classification. CAS number Hazard Class and Cat Not Available	2, Skin Sens. 1, Eye Irr 2, Acute Tox. 4, Skin Se I Irrit. 2A Harmonisation Code 2 tegory Code(s)	ens. 1, Eye Irrit. 2, STOT SE 3, Not Class = The most severe classification. Index No Not Applicable Pictograms Signal Word Not Available	Code(s) GHS07, Wng iffied, GHS05, Dgr, Wn ECHA I	g. GHS06 Dossier Dicable Hazard Sta	Code(s) H302, H315, H317, H318 H335 H318, H315, H302, H317 H335
armonisation Code 1 = The magnetistic of Callerian (Callerian (Cal	Acute Tox. 4, Skin Irrit. Eye Dam. 1, Skin Irrit. Aquatic Chronic 3, Eye ost prevalent classification. CAS number Hazard Class and Cat Not Available ost prevalent classification.	2, Skin Sens. 1, Eye Irr 2, Acute Tox. 4, Skin Se I Irrit. 2A Harmonisation Code 2 tegory Code(s)	ens. 1, Eye Irrit. 2, STOT SE 3, Not Class = The most severe classification. Index No Not Applicable Pictograms Signal Word Not Available	Code(s) GHS07, Wng iffied, GHS05, Dgr, Wn ECHA I	g. GHS06 Dossier Dicable Hazard Sta	Code(s) H302, H315, H317, H318 H335 H318, H315, H302, H317 H335
larmonisation Code 1 = The me aggredient lass powder armonisation (C&L ventory) of Available armonisation Code 1 = The mo ational Inventory	Acute Tox. 4, Skin Irrit. Eye Dam. 1, Skin Irrit. Aquatic Chronic 3, Eye ost prevalent classification. CAS number Hazard Class and Cal Not Available ost prevalent classification. Status	2, Skin Sens. 1, Eye Irr 2, Acute Tox. 4, Skin Se I Irrit. 2A Harmonisation Code 2 tegory Code(s)	ens. 1, Eye Irrit. 2, STOT SE 3, Not Class = The most severe classification. Index No Not Applicable Pictograms Signal Word Not Available	Code(s) GHS07, Wng iffied, GHS05, Dgr, Wn ECHA I	g. GHS06 Dossier Dicable Hazard Sta	Code(s) H302, H315, H317, H319 H335 H318, H315, H302, H317 H335
armonisation Code 1 = The me gredient ass powder armonisation (C&L ventory) of Available armonisation Code 1 = The mo attional Inventory istralia - AICS anada - DSL	Acute Tox. 4, Skin Irrit. Eye Dam. 1, Skin Irrit. Aquatic Chronic 3, Eye ost prevalent classification. CAS number Hazard Class and Cat Not Available ost prevalent classification. Status Y Y	2, Skin Sens. 1, Eye Im 2, Acute Tox. 4, Skin Se e Irrit. 2A Harmonisation Code 2 tegory Code(s)	ens. 1, Eye Irrit. 2, STOT SE 3, Not Class = The most severe classification. Index No Not Applicable Pictograms Signal Word Not Available = The most severe classification.	Code(s) GHS07, Wng GHS05, Dgr, Wn ECHA I	g. GHS06 Dossier Dicable Hazard Sta	Code(s) H302, H315, H317, H318 H335 H318, H315, H302, H317 H335
nventory) larmonisation Code 1 = The management lass powder larmonisation (C&L liventory) ot Available	Acute Tox. 4, Skin Irrit. Eye Dam. 1, Skin Irrit. Aquatic Chronic 3, Eye ost prevalent classification. CAS number Hazard Class and Cat Not Available ost prevalent classification. Status Y Y	2, Skin Sens. 1, Eye Im 2, Acute Tox. 4, Skin Se e Irrit. 2A Harmonisation Code 2 tegory Code(s)	ens. 1, Eye Irrit. 2, STOT SE 3, Not Class = The most severe classification. Index No Not Applicable Pictograms Signal Word Not Available	Code(s) GHS07, Wng GHS05, Dgr, Wn ECHA I	g. GHS06 Dossier Dicable Hazard Sta	Code(s) H302, H315, H317, H318 H335 H318, H315, H302, H317 H335
larmonisation Code 1 = The me aggredient lass powder armonisation (C&L ventory) of Available armonisation Code 1 = The mo ational Inventory ustralia - AICS anada - DSL anada - NDSL	Acute Tox. 4, Skin Irrit. Eye Dam. 1, Skin Irrit. Aquatic Chronic 3, Eye ost prevalent classification. CAS number Hazard Class and Cal Not Available ost prevalent classification. Status Y Y N (acrylic acid homopol)	2, Skin Sens. 1, Eye Im 2, Acute Tox. 4, Skin Sele Irrit. 2A Harmonisation Code 2 tegory Code(s) Harmonisation Code 2	ens. 1, Eye Irrit. 2, STOT SE 3, Not Class = The most severe classification. Index No Not Applicable Pictograms Signal Word Not Available = The most severe classification.	Code(s) GHS07, Wng GHS05, Dgr, Wn ECHA I	g. GHS06 Dossier Dicable Hazard Sta	Code(s) H302, H315, H317, H318 H335 H318, H315, H302, H317 H335

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Korea - KECI New Zealand - NZIoC Y Philippines - PICCS USA - TSCA Y = All ingredients are on the inventory Legend: N = Not determined or one or more ingredients are not on the inventory and are not exempt from listing(see specific ingredients in brackets)

SECTION 16 OTHER INFORMATION

H226	Flammable liquid and vapour.							101.00			
H290	May be corrosive to metals.			-							
H302	Harmful if swallowed.						* * -				
H312	Harmful in contact with skin.			1.0						linem	
H314	Causes severe skin burns and eye damage.							¥1 100			
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.	2									
							200 200 200				

Other information

DSD / DPD label elements



Relevant risk statements are found in section 2.1

Indication(s) of danger	Xi	
SAFETY ADVICE		
S02	Keep out of reach of children.	the contract of the second section of the section of the second section of the section of the second section of the section o
S24	Avoid contact with skin.	The second of the second secon
S26	In case of contact with eyes, rinse with plenty of water and contact Doctor or Poisons Information	nation Centre.
\$35	This material and its container must be disposed of in a safe way.	and paster and the control of the co
\$37	Wear suitable gloves.	
S39	Wear eye/face protection.	The second secon
S40	To clean the floor and all objects contaminated by this material, use water and detergent.	The second secon
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.	to an interest of the second o
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:

For detailed advice on Personal Protective Equipment, refer to the f EN 166 Personal eye-protection EN 340 Protective cothing 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

Version No: 3.1.1.1

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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:
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3-15 Brunsdon Street, Bayswater Victoria, 3153, Australia
Phone Number: -61 3 8727 7111
Date of preparation/revision: 23rd September 2015
Department issuing SDS: Research and Development
Contact: Technical Director

Prepared by: SDI Limited 3-15 Brunsdon Street, Bayswater Victoria, 3153, Australia

Phone Number: +61 3 8727 7111

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Department issuing SDS: Research and Development

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