

Safety Data Sheet

Infosafe No. Issue Date: September 2016 Approved by RLAPOLYM

Product Name: RLA Universal Primer

Not classified as hazardous

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

- 1.1 Product Identifier / Product code** RLA Universal Primer / RL7167
- 1.2 Other means of identification** None
- 1.3 Recommended use** Acrylic Primer for tile adhesives
- 1.4 Details of the supplier of the SDS** Company Name: RLA Group Pty Ltd – ABN 89 004 709 915
Address 1: 215 Colchester Road , Kilsyth VIC 3137 Australia
Address 2: 363 Wentworth Avenue, Pendle Hill NSW 2145 Australia
Telephone: (02) 9636 7444 or (03) 9728 1644
Fax: (02) 8892 1128
- 1.5 Emergency Phone** For emergency information outside normal business hours, please ring:
SECURITY MONITORING 1300 136102
They will contact the relevant personnel.
- In case of poisoning call the Poison Information Centre, phone 131 126.

Other Information This SDS summarises to the best of our knowledge, the health and safety hazard information of the product and how to safely handle and use the product in the work place.

2. HAZARD IDENTIFICATION

- 2.1 Hazard Classification** Non-Hazardous Chemical according to Australian GHS criteria. Non-Dangerous Goods to the ADG Code.
Not a hazardous substance or mixture.
- 2.2 Label Elements** No labelling according to GHS required.
Special labelling instructions: Contains chloromethylisothiazolinone and methylisothiazolinone (3:1), 1,2-benzisothiazolone. May produce an allergic reaction.
- 2.3 Other Hazards** No data available.

3. COMPOSITION/INFORMATION ON INGREDIENTS

- 3.1 Substances** Not Applicable
- 3.2 Mixtures** *Chemical characteristics:*
Green Viscous Liquid

Ingredients:

Name	CAS Number	Proportion
Acrylic Co-polymer	Non Hazardous	50-90%
Water	Non Hazardous	10-50%
Biocides	Below threshold	<0.25%
Other Non-Hazardous Ingredients	Non Hazardous	<10 %

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Isotridecyl-hydroxypolyglycoether	9043-30-5	<3%
2,2,4-trimethyl-1,3-pentanediol monoisobutyrate	25265-77-4	<2%

4. FIRST AID MEASURES

- 4.1 First aid Measures** *General information:*
Under ordinary workplace conditions: No special measures required
- If Swallowed:*
Wash mouth and lips with water. DO NOT induce vomiting. Give water to dilute stomach contents. Seek medical attention if symptoms persist.
- After contact with Eyes:*
Rinse with plenty of water for at least 15 minutes.
- After contact with Skin:*
Wash with tepid soapy water.
- If Inhaled:*
Remove from point of exposure to fresh air.
- 4.2 Most important symptoms and effects, both acute and delayed** Any relevant information can be found in other parts of this section.
- 4.3 Advice for the Doctors** Treat symptomatically. Due to its physical properties, may cause mechanical irritation. Product may agglutinate in the gastro-intestinal tract. Medical assistance should be sought. Depending on the symptoms, invasive measures may be necessary. Further toxicology information in section 11 must be observed.

5. FIRE FIGHTING MEASURES

- 5.1 Extinguishing Media** *Suitable extinguishing media:*
All extinguishing media can be used. Material will not ignite readily
- Extinguishing media which must not be used for safety reasons:*
None Known
- 5.2 Special hazards arising from the substance or mixture** Hazardous combustion products: carbon monoxide, carbon dioxide.
- 5.3 Advice for firefighters** *Special protective equipment for fire fighting:*
Use respiratory protection independent of recirculated air.
- General information:*
Product does not burn. Use extinguishing measures appropriate to the source of the fire. Dried up material is combustible.

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6. ACCIDENTAL RELEASE MEASURES

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| 6.1 Personal precautions, protective equipment and emergency procedures | Wear personal protection equipment (see section 8). If material is released indicate risk of slipping |
| 6.2 Environmental precautions | Prevent material from entering sewers or surface waters. Contain any fluid that runs out using suitable material (e.g. earth). Notify authorities if product enters sewers or public waterways. |
| 6.3 Methods and material for containment and cleaning up | Clean up any spills as soon as possible. Take up mechanically and dispose of according to local/state/federal regulations. For small amounts: Absorb with a liquid binding material such as diatomaceous earth and shovel up and place in suitable container for disposal. Dispose of according to local/state/federal regulations. Contain larger amounts and pump up into suitable containers. Clean up with plenty of water. Dispose of cleansing water in accordance with local/state/federal regulations. |
| 6.4 Reference to other sections | Relevant information in other sections has to be considered. This applies in particular for information given on personal protective equipment (section 8) and on disposal (section 13). |

7. HANDLING AND STORAGE

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| 7.1 Precautions for safe handling | <i>General information:</i>
No special protective measures required. Always use protective gloves and clothing when handling.

<i>Precautions for safe handling:</i>
Spilled substance increases risk of slipping.

<i>Precautions against fire and explosion:</i>
No special precautions against fire and explosion required. |
| 7.2 Conditions for safe storage, including any incompatibilities | <i>Conditions for storage rooms and vessels:</i>
Protect against frost. Store in a cool dry place, undercover away from sunlight.

<i>Advice for storage of incompatible materials:</i>
Not applicable

<i>Further information for storage:</i>
Store away from oxidising agents and acids. |
| 7.3 Specific end use(s) | Primer to paint onto substrates in ceramic tile adhesive systems. |

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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| 8.1 Control parameters | <i>Maximum airborne concentrations at the workplace:</i>
Not applicable, use with adequate ventilation. |
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- 8.2 Exposure controls** *General protection and hygiene measures:*
Do not eat or drink when handling.
- Personal protection equipment:*
Respiratory protection not required
- Eye protection*
Protective goggles .
- Hand protection*
Rubber gloves .
- Skin protection*
Not required
- Exposure to the environment limited and controlled*
Prevent material from entering surface waters and soil
- 8.3 Further information for system design and engineering measures** No special measures required.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

<i>Property:</i>	<i>Value:</i>	<i>Method:</i>
Appearance	Green viscous Liquid	
Physical state / form	Liquid	
Colour	Green	
Specific Gravity	approx. 1.0	
Solubility in Water	soluble	
Flammability	Not Flammable	
pH	8.5	
VOC	<1g/L	
Boiling Point	>100C	

9.2 Other information No data Available

10. STABILITY AND REACTIVITY

- 10.1- Reactivity;** If stored and handled in accordance with standard industrial practices no hazardous reactions are known.
- 10.3 Chemical stability;**
Possibility of hazardous reactions Relevant information can possibly be found in other parts of this section.
- 10.4 Conditions to avoid** Very high temperatures
- 10.5 Incompatible** None known.

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materials

- 10.6 Hazardous decomposition products** If stored and handled properly: none known. On exposure to very high temperature, may decompose, releasing toxic gasses.

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute Toxicity:

No test data is available for the whole product. Based on the available data acute toxic effects are not expected after single oral exposure.

Ingredient	Result/effect	Species/Test system	Source
Acrylic Co-polymer	LD50: >2,000mg/kg	rat	Conclusion by analogy OECD 423
2,2,4-trimethyl-1,3-pentenediol monoisobutyrate	LD50: >3,200mg/kg	rat	

Respiratory or skin sensitization (Dermal):

No test data is available for the whole product. Based on the available data a sensitization reaction is not expected from this product however prolonged use in poor ventilation may cause irritation to the nasal passages.

Ingredient	Result/effect	Species/Test system	Source
Acrylic Co-polymer	not sensitizing	mouse; LLNA (local lymph node assay)	Conclusion by analogy OECD 429
2,2,4-trimethyl-1,3-pentenediol monoisobutyrate	LD50: > 15,200 mg/kg	Rabbit	
2,2,4-trimethyl-1,3-pentenediol monoisobutyrate	LD-50:> 19,000 mg/kg	Guinea Pig	

Skin corrosion/irritation:

No test data is available for the whole product .Based on the available data a clinically relevant skin irritation repeated, prolonged contact may cause irritation to the skin.

Ingredient	Result/effect	Species/Test system	Source
Acrylic Co-polymer	not irritating	rabbit	Conclusion by analogy OECD 404
2,2,4-trimethyl-1,3-pentenediol monoisobutyrate	Slight	Rabbit	24hrs

Serious eye damage / eye irritation:

No test data is available for the whole product .Based on the available data a clinically relevant eye irritation hazard is not expected. However it may still cause soreness to the eyes.

Ingredient	Result/effect	Species/Test system	Source
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Acrylic Co-polymer	not irritating	rabbit	Conclusion by analogy OECD 405
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Germ cell mutagenicity:

No test data is available for the whole product .Based on known data a significant mutagenic potential may be excluded.

Ingredient	Result/effect	Species/Test system	Source
Acrylic Co-polymer	Negative	mutation assay (in vitro) bacterial cells	Conclusion by analogy OECD 471

Carcinogenicity:

For this endpoint no toxicological test data is available for the whole product

Reproductive toxicity:

No test data is available for the whole product.

Specific target organ toxicity (single exposure):

No test data is available for the whole product.

Specific target organ toxicity (repeated exposure):

No test data is available for the whole product.

Aspiration hazard:

Based on the physical-chemical properties of the product no aspiration hazard must be expected.

Further toxicological information:

No information on damage to health during manufacture and use. May cause abdominal discomfort, nausea and vomiting if swallowed.

12. ECOLOGICAL INFORMATION

12.1 Toxicity Assessment

No test data is available for the whole product. No expected damaging effects to aquatic organisms. According to current knowledge adverse effects on water purification plants are not expected

Ingredient	Result/effect	Species/Test system	Source
Acrylic Co-polymer	LC50: > 100 mg/l	rainbow trout (Oncorhynchus mykiss) (96 h)	Conclusion by analogy OECD 203
Acrylic Co-polymer	EC10: > 1000 mg/l	sludge (0.5 h)	Conclusion by analogy
2,2,4-trimethyl-1,3-pentanediol monoisobutyrate	LC-50: 33 mg/l	Fathead Minnow (96 h)	
2,2,4-trimethyl-1,3-pentanediol monoisobutyrate	EC-50: 147.8 mg/l	Water Flea (48 h)	
2,2,4-trimethyl-1,3-pentanediol	ErC50: > 57 mg/l	Pseudokirchneriella subcapitata, (72 h)	

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monoisobutyrate			
2,2,4-trimethyl-1,3-pentane-1,3-diol monoisobutyrate	ErC50: 50 mg/l	Pseudokirchneriella subcapitata, (72 h)	

12.2 Persistence and degradability Assessment

No test data is available for the whole product. Polymer component not readily biodegradable.

Ingredient	Biodegradability	Elimination
Acrylic Co-polymer	Not readily biodegradable	Elimination by adsorption to activated sludge. Separation by flocculation is possible.
2,2,4-trimethyl-1,3-pentane-1,3-diol monoisobutyrate	> 77 % (28 d, Ready Biodegradability: CO2 Evolution Test) Readily biodegradable	

12.3 Bioaccumulative potential Assessment

No test data is available for the whole product. No adverse effects expected.

Ingredient	Bioaccumulative potential
Acrylic Co-polymer	No adverse effects expected.
2,2,4-trimethyl-1,3-pentane-1,3-diol monoisobutyrate	No data available.

12.4 Mobility in soil Assessment

No test data is available for the whole product. No adverse effects expected.

Ingredient	Mobility in soil
Acrylic Co-polymer	No adverse effects expected.
2,2,4-trimethyl-1,3-pentane-1,3-diol monoisobutyrate	log Koc: 1.5 - 2.8

12.5 Other adverse effects

None known

Ingredient	Other adverse effects
Acrylic Co-polymer	No adverse effects expected.
2,2,4-trimethyl-1,3-pentane-1,3-diol monoisobutyrate	No data available.

12.6 Additional information

There is no information available for the product as a whole. Avoid contaminating drains and waterways

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Material:

Clean up any spills as soon as possible. Shovel up and place in suitable container for disposal. Only dispose of at approved disposal sites. Observe local/state/federal regulations.

Uncleaned Packaging:

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Completely discharge containers (no tear drops, no powder rest, scraped carefully). Containers may be recycled or re-used. Observe local/state/federal regulations.

Recommended cleaning agent:
Water

14. TRANSPORT INFORMATION

14.1- UN number; UN proper shipping name; Transport hazard class(es); Packing group	Product Name:	RLA Universal Primer
	Proper Shipping Name:	None Allocated
	DG Class:	None Allocated
	Packing Group:	None Allocated
	Hazchem Code:	None Allocated
	Poisons Schedule:	Not Scheduled

14.5 Environmental hazards Main ingredient is not Hazardous to the environment

14.6 Special precautions for user Relevant information in other sections has to be considered.

14.7 Transport in bulk Transport in original packaging.

15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture National and local regulations must be observed. For information on labelling please refer to section 2 of this document.
Poisons Schedule number:
Not a Scheduled Poison.

15.2 Details of international registration status *Relevant information about individual substance inventories, where available, is given below.*
AICS (Australian Inventory of Chemical Substances): This product is listed in, or complies with, the substance inventory.

16. OTHER INFORMATION

16.1 Material The details in this document are based on the state of our knowledge at the time of revision. They do not constitute an assurance of the described product properties in terms of statutory warranty requirements.

The providing of this document to a recipient does not relieve the recipient of his or her responsibility toward compliance with all laws and stipulations applicable to the product. This applies in particular to the further sale or distribution of the product or substances or items

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containing the product, in other jurisdictions and with regard to the protection of third-party intellectual property rights. If the described product is processed or mixed with other substances or materials, the details stated in this document cannot be conferred to the resultant new product unless this has been expressly mentioned. If the product is repackaged, the recipient is obligated to additionally provide the required safety-related information.

16.2 Further information The date in the header indicates the issuing date; this issue supersedes all previous issues.

Date of last change: 15/9/16

16.3 Glossary of Terms: CAS No. - Chemical Abstracts Service Registry Number
ADG Code - Australian Dangerous Goods Code for the Transport of Dangerous Goods by Road & Rail
NOHSC - Australian National Occupational Health and Safety Commission (Note: NOHSC documents are now published by Safe Work Australia)

This SDS summarises to the best of our knowledge the health and safety hazard information of the product and how to safely handle and use the product in the workplace. The information herein is given in good faith, but subject to the Trade Practices Act 1974, no warranty, expressed or implied, is made.

. . . End of SDS. . .