

MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF PRODUCT AND COMPANY

Product: Monoprufe RTU 301
Company: Ronacrete (Far East) Ltd., 16/F, No. 3 Lockhart Rd,
Wanchai, Hong Kong SAR
Tel/Fax: +852 2865 5872 / +852 2865 5568

2. COMPOSITION

Chemical nature

Approximately 80% aqueous dispersion of an acrylate copolymer.

3. HAZARDS IDENTIFICATION

Advice on critical hazard to man and the environment: none.

4. FIRST AID MEASURES

General advice: Remove contaminated clothing.

Inhaled: Keep patient calm, remove to fresh air, summon medical help.

Skin Contact: Wash thoroughly with soap and water.

Eye Contact: Wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist.

Ingestion: Immediately rinse mouth and then drink plenty of water, summon physician.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media.

Water spray, dry extinguishing media, foam, Carbon Dioxide (CO₂).

6. ACCIDENTAL RELEASE MEASURES

After spillage/leakage/gas leakage:

Large spillages should be pumped into containers; soak up remainder with absorbent material (e.g. Kieselgur). Small spillages can be swilled away with water. Waste water must be disposed of correctly.

7. HANDLING AND STORAGE

Handling: Advice on safe handling: No special measures necessary.

Storage: Store protected against freezing.

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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Additional information on the lay-out of technical plant (see 7)

Components with workplace control parameters:

Acrylamide	CAS No: 79-06-1
Formaldehyde	CAS No: 50-00-0

Refer to the current edition of HSE Guidance Note EH 40 on Occupational Exposure Limits (United Kingdom).

This product should be considered when making any assessment under the UK Control of Substances Hazardous to Health Regulations (COSHH) and amendments (United Kingdom).

Personal protective equipment

Eye protection:	Goggles
General safety and hygiene measures:	Hands and/or face should be washed before breaks and at the end of the shift. Avoid contact with eyes and prolonged skin contact.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form:	Liquid
Colour:	White
Odour:	Faint

Change in physical state

Solidification temperature:	Approximately 0°C	(water)
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Boiling point:	Approximately 100°C	(water)
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Flash point:	Not applicable
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Explosion limits:

- lower	none
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- upper	none
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Ignition temperature:	Not applicable
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Vapour pressure:	(20°C) 23mbar (water)
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Density:	(20°) approximately 1.1g/cm ³	DIN 53 217
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Solubility in water:	miscible
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pH value:	(23°C) approximately 5.0-7.0	DIN 53 785
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Viscosity:	(23°C) approximately 140-200mPa.s (250 s E-1)	DIN 53 019
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10. STABILITY AND REACTIVITY

Thermal decomposition:

No decomposition if used correctly.

Hazardous reactions:	None.
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11. TOXICOLOGICAL INFORMATION

In our experience and according to information available to us the products is not harmful to health provided it is correctly handled and processed according to the given recommendations.

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12. ECOLOGICAL INFORMATION

Elimination information

The product can be virtually eliminated from water and abiotic processes e.g. adsorption onto Activated sludge. Do not discharge product into natural waters without pretreatment (biological treatment plant).

Behaviour and environmental fate

Inhibition of degradation activity in activated sludge is not to be anticipated during correct introduction of low concentrations.

Ecotoxic effects

Further ecological information

Local effluent treatment regulations should be complied with.

13. DISPOSAL CONSIDERATIONS

Must be disposed of by special means, e.g. suitable incineration, in accordance with local regulations. The UK Environmental Protection (Duty of Care) Regulations (EP) and amendments should be noted (United Kingdom).

14. TRANSPORT INFORMATION

Not classified as hazardous under transport regulations.

15. REGULATORY INFORMATION

Labelling according to EEC Directives

Not subject to labelling in accordance with EEC Directives.
Handle in accordance with good industrial hygiene and safety practice.

National legislation/regulations:

16. OTHER INFORMATION

This Material Safety Data Sheet conforms to EC Directives 91/155/EEC and 93/112/EC.
The information given here is to the best of our knowledge true and accurate and is provided solely for making safety assessments. It is not a sales specification or an indication of suitability for a particular use.

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