

Material Safety Data Sheet



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1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

Product Name : **RAPSEAL**

Application : Sealing rock surfaces

Company : Minova RSA

Address : P.O. Box 52, Isando, 1600.

Telephone : (011) 908-1980 **Telefax:** (011) 864-4311

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2. COMPOSITION / INFORMATION ON INGREDIENTS

Composition: Water dispersible acrylic.

This product contains ingredients classified as hazardous. However, they are NOT present in sufficient quantities to warrant classifying the product as hazardous.

All constituents of this product are listed in EINECS (European Inventory of Existing Commercial Chemical Substances) or ELINCS (European List of New Chemical Substances) or are exempt. Refer to Section 8 for Occupational Exposure Limits.

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3. HAZARDS IDENTIFICATION

No adverse effects anticipated from available information.

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4. FIRST AID MEASURES

Eyes : Irrigate immediately with copious quantities of water for several minutes. Obtain medical attention if irritation persists.

Skin : Wash immediately with copious quantities of water. Obtain medical advice if skin disorders develop.

Inhalation : Remove from exposure. If feeling unwell obtain medical attention.

Ingestion : Give two glasses of water and induce vomiting, obtain medical attention.

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5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media : Carbon dioxide or dry chemical extinguishers or all purpose foam extinguisher.

Special Fire Hazards : May produce a floating fire hazard in extreme fire conditions.

Special Protective Equipment : Use self-contained breathing apparatus and protective Clothing as burning produces carbon dioxide and carbon monoxide that is toxic when inhaled.

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6. ACCIDENTAL RELEASE MEASURES

Personal Precautions : Wear rubber boots in addition to the recommended protective clothing.

Environmental Precautions : Prevent entry into drains, sewers and watercourses.

Decontamination Procedures : Small spills can be flushed with large amounts of water. Larger spills should be collected up for disposal.

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7. HANDLING AND STORAGE

Handling	:	Keep containers closed until required for use. Avoid skin and eye contact, and wash thoroughly after using.
Storage	:	Store in a cool, dry area.

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8. EXPOSURE CONTROL / PERSONAL PROTECTION

Occupational Exposure Limits	:-	None assigned by OSHA.
Engineering Control Measures	:	Use only in well ventilated areas. Where mechanical methods are inadequate or impractical, appropriate personal protective equipment must be used.
Personal Protective Equipment	:	Impervious gloves (eg PVC or NBR). Goggles / Safety Glasses, and full protective clothing.
Ventilation	:	Local ventilation is needed where vapour can be expected to escape into workplace air.
Temperatures	:	Do not use in temperatures (ambient) of over 40°C.

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9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	:	Liquid.
Colour	:	Orange
Odour	:	Mild, non-residual.
pH (working dilution)	:	10.0 – 10.5.
Boiling Point / Range (°C)	:	100°C
Flash Point (closed, °C)	:	105°C (ASTM D 93).
Flammability Limits / Air	:	Lower : 0.76 at 135°C, Upper : 10.7% at 203°C.
Oxidising Properties	:	Not applicable.
Relative Density (at 20°C)	:	1.00 (±0.07)
Water Solubility	:	Low : 6.5% at 20°C.
% Volatiles	:	1.25

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10. STABILITY AND REACTIVITY

Stability	:	Stable.
Conditions to avoid	:	Temperature (ambient) above 40°C.
Materials to avoid	:	Strong acids.
Hazardous Decomposition Products	:	Burning produces carbon dioxide and carbon monoxide which is toxic when inhaled.

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11. TOXICOLOGICAL INFORMATION

Health Effects

On Eyes	:	May cause transient irritation, redness of the conjunctiva.
On Skin	:	May cause transient irritation, but no harmful effects.
By Inhalation	:	May cause transient irritation, but no harmful effects.
By Ingestion	:	May cause irritation of mouth, throat and digestive tract.
Chronic	:	Repeated and prolonged skin contact may lead to skin disorders.

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12. ECOLOGICAL INFORMATION

- Environmental Assessment** : Little detailed information is available on the ecological effects of this product, but its overall environmental impact is not regarded as significant.
- Mobility** : Partially soluble in water.
- Persistence and Degradability** : Not readily biodegradable.
- Bioaccumulative Potential** : Not expected to be bioaccumulative.
- Ecotoxicity** : Toxic to fish / daphnia / algae.

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13. DISPOSAL CONSIDERATIONS

Disposal must be in accordance with local and national legislation.

- Unused Product** : Disposed of in an approved manner, such as incineration in a furnace where permitted by local regulations.
- Used/Contaminated Product** : As for unused product.
- Packaging** : The method of disposal must be acceptable to the local authority.

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14. TRANSPORT INFORMATION

This product is NOT classified as dangerous for transport.

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15. REGULATORY INFORMATION

Hazard Label Data :-

This product is NOT classified as dangerous for supply in the UK.

- Safety Phrases** : Avoid contact with skin and eyes.
Wear suitable gloves and eye / face protection.
In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
After contact with skin, wash immediately with plenty of soap and water.
- EC Directives** : Dangerous Substances Directive, 67/548/EEC and adaptations.
Dangerous Preparations Directive, 88/379/EEC.
Safety Data Sheets Directive, 91/155/EEC.
- Statutory Instruments** : Chemicals (Hazard Information and Packaging for Supply) (Amendment) Regs. 1996 (SI 1092).
Health & Safety at Work etc. Act 1974.
Control of Substances Hazardous to Health Regs. 1994 (SI 3246).
- Codes of Practice** : Waste Management. The Duty of Care.
- Guidance Notes** : Occupational skin diseases : Health and Safety Precautions (EH 26).
Dust in the workplace : general principles of protection (EH 44).
Occupational exposure limits (EH 40).

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16. OTHER INFORMATION

Minova RSA is an ISO 9002 accredited company.

The data advice given applies when the product is used for the stated application or applications. The product is not sold as suitable for any other application. Use of the product for applications other than as stated in this sheet may give rise to risks not mentioned in this sheet. The product should not be used other than for the stated application or applications without seeking advice from Minova RSA.

If this product has been purchased for supply to a third party for use at work, it is the purchaser's duty to take all necessary steps to secure that any person handling or using the product is provided with the information in this sheet.

It is the responsibility and duty of the employer to inform employees and others who may be affected of any hazards described in this sheet and of any precautions that should be taken.

This sheet does not constitute or substitute for the users own assessment of workplace risk, as required by other health and safety legislation.