



Safety Data Sheet

Legal Disclaimer

The information and recommendations in this publication are, to the best of our knowledge, information and belief, accurate at the date of publication. Nothing herein is to be construed as a warranty, express or implied. In all cases it is the responsibility of the users to determine the applicability of such information or the suitability of any products for their own particular purpose.

Creation Date 23.10.00

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1. Identification of Products

Product Name: Proteus Keralastic Tile Adhesive
 Product Code: 05 69 003 110

Distributed by: Golden Coast Ltd | Fishleigh Road | Roundswell Commercial Park West | Barnstaple | Devon | EX31 3UA | Tel: 01271 378100 | e-mail: swimmer@goldenc.com

2. Composition

Ingredients	CAS No	EINICS No	EEC
50-69.99% 3-Aminomethyl-3,5,5-Trimethylcyclohexylamine	2855-13-2	220-666-8	67/548:612-067-00-9
25-34.99% 2,4,6-Tris(Dimethylaminomethyl)phenol	90-72-2	202-013-9	67/548:603-069-00-0
5-9.99% Benzyl Alcohol	100-51-6	202-859-9	67/548:603-057-00-5
5-9.99% Nonylphenol	25154-52-3	246-672-0	67/548:601-053-00-8



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3. Hazard Identification

C	Corrosive	
Xn	Harmful	
N	Dangerous for the Environment	
R Phrases:	20/22	Harmful by inhalation and if swallowed.
	21/22	Harmful in contact with skin and if swallowed.
	34	Causes burns.
	36/38	Irritating to eyes and skin.
	43	May cause sensitisation by skin contact.
	50/52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

The product is harmful following acute exposure to it and poses a serious health threat if ingested or brought into contact with the skin.

The product is corrosive and, if brought into contact with the skin, causes burning with the destruction of the entire thickness of skin tissue.

If brought into contact with the skin, the product may cause sensitisation of the skin.

This product is a threat to the environment; it is harmful to aquatic organisms following acute exposure.

In the long term this product may have negative effects on the aquatic environment, because it is not easily biodegradable and/or is bioaccumulable.



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4. First Aid Measures

Skin Contact:	Immediately take off all contaminated clothing. Wash immediately with plenty of soap and water. Contact a physician immediately.
Eye Contact:	Wash immediately and thoroughly with running water, keeping eyelids raised for at least 10 minutes. Following this, protect the eyes with sterile gauze or a clean, dry handkerchief. Obtain a medical examination. Do not use eyewash or ointment of any kind before obtaining and examination or advice from an ophthalmologist.
Ingestion:	Do not under any circumstances induce vomiting. Obtain a medical examination immediately. Administer water with albumen; do not administer bicarbonate.
Inhalation:	Ventilate the premises. The patient is to be removed immediately from the contaminated premises to rest in a well ventilated area. Call a physician.

5. Fire Fighting Measures

Special Protective Equipment:	Use protection for the airways.
Extinguishing Media:	Water, CO2, Foam, Chemical Powders, according to the materials involved in the fire.
Fire Fighting Comments:	Avoid inhaling the fumes.



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6. Accidental Release Measures

Always use a mask, gloves and protective clothing for personal safety.

Environmental Measures:

Limit leaks and spills with earth or sand. If the product has escaped into a water course, drainage system or has contaminated the ground or vegetation, please notify the relevant authorities.

Cleaning Methods:

Rapidly recover the product. To do so wear protective clothing. If the product is in liquid form, stop it from entering the drainage system. Recover the product for re-use if possible, or for elimination. The product might, where appropriate, be absorbed by inert material. After the product has been recovered, rinse the area and materials involved with water.

7. Handling and Storage

Handling:

Avoid contact and inhalation of the vapours. See section 8.
Do not eat or drink while working.

Storage:

Always keep the containers tightly closed.
Keep in an adequately ventilated area.

8. Exposure Controls / Personal Protection

Give adequate ventilation to the premises where the product is stored and/or handled.

There is no exposure limit value of single components.

PPE Respiratory:

Not needed for normal use.

PPE Hands:

Use protective gloves.

PPE Eyes:

Use safety goggles.

PPE Skin:

Use clothing that provides comprehensive protection to the skin.



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9. Physical and Chemical Properties

Appearance:	Liquid
Colour:	Transparent
Odour:	Ammonia
pH:	10.5 - 11.5
Flash Point:	> 100°C
Solubility in Water:	Partly soluble
Relative Density:	0.92 g/cm ³ (23°C)
Lipid Solubility:	Soluble
Viscosity:	30 mPa.s (23°C)

10. Stability and Reactivity

Conditions to Avoid: Stable under normal conditions.

It may generate **FLAMMABLE GASES** on contact with elementary metals (alkalis and alkaline earth) and powerful reducing agents.

It may generate **TOXIC GASES** on contact with oxidising mineral acids, halogenated organic substances, organic peroxides and hydroperoxides and powerful oxidising agents.

It may **CATCH FIRE** on contact with powerful oxidising agents.



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11. Toxicological Information

No toxicological data is available at the moment on the product itself. The concentration of each substance should be borne in mind in assessing the toxicological effects deriving from the preparation.

Route of Entry:	Inhalation:	Yes
	Contact:	Yes
	Ingestion:	Yes
Corrosive / Irritating Properties:	Skin:	Corrosive. The product can cause burns by contact.
	Eyes:	The product can cause damage to eyes by contact.
Sensitising Properties:		Frequent skin contact may cause skin sensitisation.
Carcinogenic Effects:		No effects are known.
Mutagenic Effects:		No effects are known.
Teratogenic Effects:		No effects are known.
Additional Information:		Susceptibility to skin irritation and sensitisation varies from person to person. In a sensitised individual the allergic dermatitis may not appear until after several days or weeks of frequent and prolonged contact. Therefore, even though the skin irritation potential is slight, skin contact should be avoided. Once sensitisation has occurred, exposure of the skin to very small quantities of the material may cause erythema and edema.



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12. Ecological Information

Although no experimental data is available, the product is expected to be only partly biodegradable. Adopt sound working practices to ensure the product is not released into the environment.

Product contains:	3-Aminomethyl-3,5,5-Trimethylcyclohexylamine: Harmful to aquatic organisms, may cause long term adverse effects in the aquatic environment.
Nonylphenol:	Very toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment.

13. Disposal Considerations

Recover if possible. Send to authorised disposal plants or for incineration under controlled conditions, in doing so; comply with the local and national regulations currently in force.

Disposal of not hardened product: 08 04 09

14. Transport Information

Rail /Road (RID/ADR):	8, III
No dangerous cargo for transport by road, if packed as foreseen under section 3,4,6, ADR. (LIMITED QUANTITY)	
Sea (IMO/IMDG):	8, III
Dangerous goods in limited quantities.	
MAR/POL 73/78, Annex III:	No
Air (ICAO/IATA):	8
Proper Shipping Name:	
Hazard Class:	
UN Number:	2735



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15. Regulatory Information

Symbols:	C	corrosive
R Phrases:	34	causes burns
	21/22	harmful in contact with skin
	43	may cause sensitisation by skin contact
	52/53	harmful to aquatic organisms, may cause long term adverse effects in the aquatic environment.
S Phrases:	26	in case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
	28	after contact with the skin, wash immediately with plenty of soap and water
	45	in case of accident or if you feel unwell, seek medical advice immediately (show the label where possible)
	60	this material and its container must be disposed of as hazardous waste
	61	avoid release to the environment. Refer to special instructions / safety data sheets
Contents:	36/37/39	wear suitable protective clothing, gloves and eye/face protection. 3-Aminomethyl--3,5,5-Trimethylcyclohexylamine



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16. Other Information

The information in this material safety data sheet should be provided to all who will use, handle, store, transport or otherwise be exposed to this product. This information has been prepared for the guidance of plant engineering, operations and management and for persons working with or handling this product. The manufacturer believes this information to be reliable and up to date as of the date of publication, but makes no warranty that it is. Additionally, if this material safety data sheet is more than three years old, you should contact the manufacturer to make certain that this sheet is current.

Note:

This data sheet does not constitute a user's assessment of workplace risk as required by HSW act, COSHH, management of health and safety at work regulations, or other health and safety legislation.