

ALEC TIRANTI LIMITED

TOOLS, MATERIALS & EQUIPMENT FOR MODELLING, CARVING, SCULPTURE

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Material Safety Data Sheet SCOPAS RELEASE AGENT

1. Identification of the substance/preparation and of the company/undertaking

1.1 Description of substance or preparation

Plaster Sealer Solution

1.2 Information on the manufacturer :

National Dental Supplies Ltd.
Units 8.& 9. A.K.Business Park, Russell Road
Southport PR9 7SA
Telephone no. +44 (0) 1704 5066
Facsimile no. +44 (0) 1704 506659

1.3 Emergency Telephone

+44 (0) 1704 506658

2. Composition/information on ingredients

2.1	Chemical name / content % / symbol / R - phrases			
Substance	% by wt.	EINECS	CAS	Classification
Sodium Alginate	20-30%	231-211-8	95328-14-6	Sodium Salt
Sodium Sulphate	2-4%	231-820-9	7757-82-6	Di-Sodium Salt

3. Hazards identification

3.1 To people

None known

3.2 To the environment

None known

4. First aid measures

4.1 After contact with eyes

The aim of first aid is to dilute and remove the chemical by flooding the eye with water. Irrigate casualty's eye using an eyewash bottle or under a gently running cold hose (or tap); eye should be irrigated for a minimum of 15 mins, with clean cold or tepid water. Cover the eye with a sterile eyepad. After first aid seek medical attention, taking relevant data and MSDS sheets.

4.2 After contact with skin

The aim of first aid is to dilute and remove the chemical by flooding with water. Flush area with water to dilute and remove chemical. If irritation develops seek medical attention, taking relevant data and MSDS sheets.

4.3 After ingestion

The aim of first aid is to maintain airway, breathing and circulation. Give one to two pints of water or milk to drink; do not induce vomiting. Remove dentures. After first aid immediately seek medical attention, taking relevant data and MSDS sheets

5. Fire-fighting measures

5.1 Suitable extinguishing media

not applicable

5.2 Unsuitable extinguishing media for safety reasons

none

5.3 Special protective equipment for fire-fighting

none

5.4 Special dangers caused by the substance or preparation itself, results of fire/burning or ensuing gases

None

6. Accidental release measures

6.1 Personal precautions

Remove any other chemical containers. Ventilate area. Wear overall, safety goggles, impervious gloves and Wellington boots.

6.2 Environmental measures

Do not allow to enter sewers or water courses without consent of river or water authorities.

6.3 Methods of cleaning / absorption

Contain and absorb with inert material (sand, earth or vermiculite) and mix well. Collect up and remove to safe place until disposal. Wash site of spillage thoroughly with water.

7. Handling and storage

7.1 Handling

7.1.1 Instructions on safe handling

Keep containers closed.

7.2 Information on fire and explosion protection

Not applicable

7.3 Storage

7.3.1 Requirements for storage areas and containers

Keep only in the original container and closed.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

8. Exposure controls/personal protection

8.1 MAK – Value/ TRK – Value/ BAT Value

8.2 Personal protective equipment

8.2.1 General protective measures

Avoid contact with eyes and skin.

8.2.2 Hygiene measures

Store work clothing separately. Follow the usual good standards of occupational hygiene.

8.2.3 Respiratory Protection

Not normally required.

8.2.4 Hand protection

Recommended

8.2.5 Eye protection

Recommended

8.2.6 Body protection

When handling larger quantities, use face mask and usual protective working garments.

9 PHYSICAL AND CHEMICAL PROPERTIES

9. Physical and chemical properties

Form	Viscous liquid
Colour	Pink
Odour	Odourless or faint
Melting temperature	not available
Boiling temperature	100 °C
Flammability	none
Ignition temperature	none

Lower explosion limit	none
Upper explosion limit	none
Vapour pressure	not applicable
Density	not available
Relative vapour density	
Solubility in water	mixable
Solubility/qualitative	
pH value	n/a
Viscosity dynamic	

10. Stability and reactivity

10.1 Conditions to avoid

10.2 Hazardous reactions

none

10.3 Hazardous decomposition products

none

11 TOXICOLOGICAL INFORMATION

11. Toxicological information

11.1 Acute oral toxicity

11.1.1 Acute inhalation toxicity

11.1.2 Acute dermal toxicity

11.1.3 Skin irritation

Non irritant

11.1.4 Irritant effect on the eyes

Non-irritating

11.2 Chronic toxicity

11.2.1 Sensitisation

No

11.2.2 Carcinogenicity

not carcinogenic

11.2.3 Mutagenicity

not mutagenic

11.2.4 Reproductive Toxicity

none

11.2.5 Narcosis

none

11.3 Further Information

None

12 ECOLOGICAL INFORMATION

12. Ecological information

12.1 Biodegradability

biodegradeable

12.2 Behaviour in sewage plants

inert

12.3 Aquatic toxicity

inert

12.4 Water hazard class

12.5 Self classification ACC To VCI

13 DISPOSAL CONSIDERATIONS

13.1 For the material/preparation/residue

Recommendation Soak up in sand or earth, wash away with warm water
Pay attention to local and national official regulation
Dispose at suitable refuse site.

14 TRANSPORT INFORMATION

Overland transport various containers
Shipment by sea
Air transport
Other information
Not dangerous cargo.

15 REGULATORY INFORMATION

Hazard symbols none
R-phrases
S-phrases 2 Keep out of reach of children.

16 OTHER INFORMATION

Spillages on floors can give slippery conditions. Wash away with hot/warm water.
When used and handled according to specifications, the product does not have any harmful effects.

The data given here is based on current knowledge and experience. The purpose of this Safety Data Sheet is to describe the products in terms of their safety requirements. The data does not signify any warranty with regard to the product's properties.

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E.C. SAFETY DATA SHEET

According to EC – directive 91/155/EC