

D-D THE AQUARIUM SOLUTION LTD

MATERIALS SAFETY DATA SHEET

Aquascape Construction Epoxy Putty

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

Chemical Nature

Low molecular weight liquid epoxy resin

Polyamide curing agent

China clay

Synthetic Powder Pigment

Norwegian Talc

Company

D-D THE AQUARIUMSOLUTION LTD

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2. Hazard identification



H315 May cause an allergic skin reaction

3. Composition/Information of Ingredients

Contains **Polyaminoamide** epoxy curing agent

Dimer/Tofa Reaction products with Teta CAS No 68082-29-1 Content 60 – 100%

Triethylenetetramine EC No 203-950-6 CAS-No 112-24-3 Content 1-5%

Classification C;R34 Xn;R21 R43 R52/53

H317 May cause an allergic skin reaction

Epoxy Resin

CAS No 25068-38-6

EC No 500-033-5

Content 60-100%

Classification R43 Xi;R36/38 N;R51/53

H315 Causes skin irritation

H317 May cause an allergic skin reaction

H319 Causes serious eye irritation

China Clay

Consists mainly of kaolinite with minor quantities of mica and feldspar.
(CAS No 1332-58-7)

Synthetic Powder Pigment (Construction Epoxy Putty only)

Alpafast Violet RL-AS3609

Eljon Yellow

Eljon Carmine B

4. First Aid Measures

Skin Contact

Wash with plenty of soap and water. Persons with known sensitivity to epoxy compounds should not be allowed to work with the product. If skin irritation occurs seek medical advice.

Eye Contact

Rinse immediately with water for at least 15 minutes and get medical attention immediately.

Inhalation

Move affected person to fresh air. In case of irritation to respiratory system or mucous membranes, or if you feel unwell or in case of prolonged exposure, get medical attention.

Ingestion

Immediately rinse the mouth with water. If swallowing has occurred drink plenty of water. Do not induce vomiting. Seek medical attention promptly.

5. Fire Fighting Measures

Non flammable.

6. **Accidental Release Measures**

Personal Precautions

Avoid contact with skin, eyes and clothing. Wear suitable protective clothing.
Open enclosed spaces to atmosphere.

Environmental Precautions

No special measures required

Methods for Cleaning

Take up with absorbent, inert material and place in suitable and closable container for disposal.

Additional Information

No dangerous materials are released.

7. **Handling and Storage**

Handling

Ensure good ventilation/exhaustion at the workplace. When mixing the two components it is advisable to use rubber gloves or throw away polythene gloves. When rubber gloves have been used wash them immediately after use. We also advise use of a barrier cream.

Storage

Keep away from food and drink. Store in cool, dry conditions. Reseal polythene bags after use. Providing it is stored correctly the product should remain workable for approximately 2 years.

8. **Exposure Control/Personal Protection**

Technical Protective Measures

When working with the cured Milliput i.e. drilling, sanding, filing, sawing etc. a dust extractor is recommended.

Respiratory Protection

Dust mask should be worn.
protection.

Eye Protection

Wear suitable goggles or face

Exposure Control Limited

None in current legislation.

Hand Protection

Wear suitable gloves.

9. Physical and Chemical Properties

Appearance A two part, cold setting, non shrinking epoxy putty. Each
stick weighing 56.7gm

10. Stability and Reactivity

Thermal decomposition < 200 C
Hazardous Decomposition Prods. Thermal decomposition or burning may release
oxides or carbon and other toxic gases or vapours.

11. Toxicological Information

Ingestion Irritates digestive tract.
Skin Contact Irritation, may cause sensitisation.
Inhalation Irritates nose, throat and air passages
Eyes Irritation, pain, redness

12. Ecological Information

Non hazardous.

13. Disposal Consideration

Contact Local Authorities for advice. Packaging material should be treated as household waste or as recycling material.

14. Transport Information

RID/ADR	Not classified	UN	Not classified	PG	Not
classified					
IMDG Code	Not classified	IMDG	Not classified	IATA	Not classified
Flashpoint	None flammable				

15. Regulatory information

Irritant
May cause sensitisation by skin contact
Keep out of reach of young children
Wear suitable gloves and eye protection

16. **Other information**

Users of this product supplied by D-D The Aquarium Solution Ltd should take appropriate measures to ensure working practices are in accordance with the Control of Substances Hazardous to Health (COSHH).

These data are based on our present knowledge. Users should always carry tests to establish the suitability of our product for the intended applications.

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