

Subterra
Safety Data Sheet

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11
EPOXY TUFMIX A

1 Identification of Preparation and of the Company

Subterra

Material Name EPOXY TUFMIX A
Material Type Formulated Epoxy Resin Putty

Company Subterra
Unit 6-8 Middle Road
Bailie Gate Industrial Estate
Sturminster Marshall
Wimborne
Dorset BH21 4DB
Tel 01258 857556
Fax 01258 857960

2. Composition

Substance	% by Wt.	CAS. N°	EC N°
Bisphenol A Epoxy Resin (Xi,N;R36/38,R43,R51/53)	10-20	25068-38-6	
Bisphenol A/F Epoxy resin Average molecular weight <700 (Xi,N;R36/38,R43,R51/53)	10-20	40216-08-8	

3. Hazard Identification

Risk and Safety

IRRITATING TO THE EYES
IRRITATING TO THE SKIN
MAY CAUSE SENSITISATION BY SKIN CONTACT
TOXIC TO AQUATIC ORGANISMS, MAY CAUSE LONG TERM
ADVERSE EFFECTS IN THE AQUATIC ENVIRONMENT
In case of contact with the eyes, rinse immediately with plenty of
water. Seek medical advice.
After contact with the skin, wash immediately with plenty of water
Wear suitable protective clothing, gloves and eye/face protection.

4. First Aid Measures

Eye Contact	Flush with water for at least 15 minutes, hold eyelid away from eyeball. If irritation persists consult a doctor.
Skin Contact	Remove contaminated clothing and launder before re-use Wash with soap/cleaner and rinse with plenty of water If irritation persists obtain medical advice.
Inhalation	Remove to fresh air and rest.
Ingestion	Do not induce vomiting, give plenty of water to drink Seek medical attention immediately

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5. Fire Fighting Measures

Protective Equipment	Wear fire retardant clothing. Use approved self contained breathing apparatus.
Extinguishing Agents	Dry foam -Blue Foam-Cream Carbon dioxide-(CO ₂)-Black Water fog-Red
Unsuitable Extinguishing Agents	Do not use water jets.
Additional Information	Toxic fumes are produced when substance is involved in a fire Use water spray to cool containers.

6. Accidental Release Measures

Personal Precautions	Wear impervious gloves and impervious overalls.
Environmental Precautions	Isolate the spillage. Do not allow spill to enter drains/sewers or water courses.
Cleaning Up Methods	Scoop up into plastic containers to await transfer.
Disposal Methods	Must be incinerated in compliance with the Environment Protection Act 1990

7. Handling and Storage

Handling

Safe Handling advice	Avoid contact with the skin and eyes Wear suitable protective clothing(see section 8)
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Storage

Additional information	Store below 35°C in closed labelled containers in a dry well ventilated space
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8. Exposure Control/Personal Protection

Exposure Controls

Technical Measures

Personal Protection

Respiratory Control	:
Eye Protection	Wear chemical resistant eye goggles

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Personal Protection continued

Hand Protection Wear impervious gloves.

Body Protection Wear suitable overalls and change contaminated clothing.

General Personal Protection Observe good standards of hygiene.

9. Physical and Chemical Properties

Physical State Putty

Colour White

Odour Faint

Boiling Point Not determined

Thermal Decomposition :

Flash Point > 100°C
Method DIN 51758

Vapour Pressure Not determined

Density 1.82
at 20°C

Solubility Soluble in organic solvents such as glycolether esters.
at 20°C

Viscosity Not applicable

10. Stability and Reactivity

Hazardous Reactions (conditions to avoid)

Hazardous self polymerisation will not occur when stored in accordance with the instructions.

Materials to Avoid

Amines and strong bases

Stability and Reactivity (continued)

Hazardous Decomposition Products

Oxides of Carbon

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11. Toxicological Information

Route of exposure

Ingestion

LD50 oral rat :>5000 mg/kg (base epoxy resin)

Eyes

Irritating to the eyes

Acute effects-redness and soreness.

Skin

Irritating to the skin,

Acute effects-irritation and redness at the site of contact.

Chronic Effects-Dermatitis may result from contact, and may lead to the skin becoming sensitised.

12. Ecological Information

Avoid subsoil penetration.

Prevent product from entering drains.

Do not contaminate surface water.

13. Disposal Considerations

Product

Must be incinerated in compliance with the Environment Protection Act 1990

Container

Empty containers can be landfilled after cleaning, when in compliance with Environmental Protection(Duty of Care) Regulations 1991

14. Transport Information**Road transport ADR/RID**

Class

:9

Packing gp

III

UN N°

:3077

Proper Shipping Name

ENVIRONMENTALLY HAZARDOUS
SOLID NOS**Marine transport IMDG**

Class

:9

Packing Gp.

:III

UN N°

3077

Proper Shipping Name

ENVIRONMENTALLY HAZARDOUS
SOLID NOS**Air transport ICAO/IATO**

Class

:9

Packing Gp.

:III

UN N°

3077

Proper Shipping Name

ENVIRONMENTALLY HAZARDOUS
SOLID NOS

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15. Regulatory Information

Classification according to EEC directives

Classification	Labelling Required
Hazard Labels	(Xi) Irritant
R-phrases	(R36/38) Irritating to the eyes and skin (R43) May cause sensitisation by skin contact. (R51-53) Toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment.
S-phrases	(S26) In case of contact with the eyes, rinse immediately with plenty of water and seek medical advice. (S28) After contact with the skin wash immediately with plenty of water. (S37/39) Wear suitable gloves and eye/face protection.
Special Label	Contains epoxy ingredients. See information supplied by the manufacturer.

Hazardous ingredients

Bisphenol A/F epoxy resin, mw<700

National regulatory information

16. Other Information

See separate safety data sheet for the 'B' Users of products supplied by Subterra should take appropriate measures to ensure that working practices are in accordance with the Control of Substances Hazardous to Health Regulations (COSHH).

