



Material Safety Data - Intumescent Putty

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

1.1 CHEMICAL PRODUCT. ASTROflame Non-Setting Intumescent Putty. (**ASTRO-PUTTY**)

1.2 APPLICATION. Astro Putty is a one-part non-setting intumescent putty suitable for fire barriers up to 6 hours.

1.3 COMPANY IDENTIFICATION.

Astroflame (Fire Seals) Ltd.
Intumescent House
Unit 8 The IO Centre
Stephenson Road
Segensworth
FAREHAM
ENGLAND PO15 5RU

Tel: 0800 023 2482 Fax:0800 023 2483
International - Tel: +44 1329 844 500 Fax: +44 1329 844 600
eMail: sales@astroflame.com

1.4 EMERGENCY TELEPHONE NUMBER. 0800 023 2482

2. COMPOSITION / INFORMATION ON INGREDIENTS.

2.1 CHEMICAL DESCRIPTION.

Contains organic binder/flame retardant, inert inorganic filler pigment and fungicide. aSTRO PUTTY HAS A SOFTENING POINT OF 70⁰c.

2.2 HAZARDOUS INGREDIENTS.

Not applicable.

3. HAZARD IDENTIFICATION.

Astro Putty is not classified under UK classification, packaging and labelling of dangerous substances regulation (SI 1984/1244).

Avoid strong oxidising agents, excessive heat and contact with very hot surfaces.

4. FIRST AID MEASURES.

4.1 EYE CONTACT.

Flush immediately with large amounts of water. Seek medical attention if irritation persists.

4.2 SKIN CONTACT.

Rinse area of contact thoroughly with cold water. Do not rub or scratch exposed skin. Use a skin

cream or lotion after washing may help. Seek medical attention if irritation persists.

4.3 INGESTION.

Seek medical attention.

4.4 INHALATION.

(of VOCs) No special precaution necessary. Unlikely to be hazardous.

5. FIRE FIGHTING MEASURES.

5.1 EXTINGUISHING MEDIA.

Is not flammable therefore not applicable. In the event of fire, use extinguishing agent suitable for type of surroundings.

5.2 FIRE AND EXPLOSION HAZARDS.

Not applicable.

5.3. PROTECTION MEASURES.

Not applicable.

6. ACCIDENTAL RELEASE MEASURES.

6.1 PERSONAL PRECAUTIONS.

Spillage should be contained.

6.2 ENVIRONMENTAL PRECAUTIONS.

Not applicable.

6.3 CLEANING UP

Not applicable.

7. STORAGE AND HANDLING

7.1 STORAGE.

Ideally between 10 and 30°C in cool dry conditions.

7.2 RECOMMENDED SHELF LIFE.

One year is a normal accepted limit.

7.3 HANDLING.

Wear gloves and goggles (to approved British Standards) to prevent skin and eye contact.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION.

8.1 OCCUPATIONAL EXPOSURE LIMITS.

Not applicable.

8.2 ENGINEERING MEASURES.

Not applicable.

8.3 PERSONAL PROTECTIVE EQUIPMENT.

Wear gloves and goggles (to approved British Standards) to prevent skin and eye contact.

9. PHYSICAL / CHEMICAL PROPERTIES.

9.1 APPEARANCE. Off-white grey putty

9.2 ODOUR. N/A

9.3 PH. N/A

9.4 VISCOSITY. N/A

9.5 FREEZING POINT. N/A

9.6 FREEZE THAW RECOVERY. N/A

9.7 BOILING POINT. N/A

9.8 MELTING POINT. N/A

9.9 FLASH POINT. 200°C

9.10 AUTO-FLAMMABILITY. N/A

9.11 EXPLOSIVE PROPERTIES N/A

9.12 VAPOUR PRESSURE. N/A

9.13 VAPOUR DENSITY. N/A

9.14 RELATIVE DENSITY. 1.9 gm/cc at 20°C

9.15 SOLUBILITY. Partially miscible with water, acetone and ethanol.

9.16 PARTITION COEFFICIENT. N/A

10. STABILITY AND REACTIVITY.

10.1 STABILITY.

Not Applicable.

10.2 CONDITIONS TO AVOID.

Not Applicable.

10.3 MATERIALS TO AVOID.

Not Applicable.

10.4 RECOMMENDED MATERIALS FOR EQUIPMENT.

Not Applicable.

10.5 HAZARDOUS DECOMPOSITION PRODUCTS.

Temperature above 200°C - Carbon Monoxide, Carbon Dioxide and fumes of Hydrogen Chloride.

11. TOXICOLOGICAL INFORMATION.

11.1 SHORT TERM EFFECTS.

EYE CONTACT. Not Applicable.

SKIN CONTACT. Not Applicable.

INGESTION. Not Applicable.

INHALATION. Not Applicable.

11.2 CHRONIC EFFECTS Not Applicable.

12. ECOLOGICAL INFORMATION.

Astro Putty should not be allowed to enter drains, sewers or waterways, if this cannot be prevented the Police should be informed.

13. DISPOSAL CONSIDERATIONS.

Any waste or contaminated waste is considered non-hazardous at normal temperature and therefore it can be incinerated in a suitable facility provided local regulations are observed. Otherwise it can be disposed on an approved landfill site. Observe Local and National Regulations regarding waste disposal.

14. TRANSPORT INFORMATION.

14.1 PACKAGING. ASTROflame Putty is not classified as hazardous for transport.

14.2 FREIGHT CLASSIFICATION.

Not Applicable.

15. REGULATORY INFORMATION.

15.1 C.P.L CLASSIFICATION. Not Applicable.

HAZARD PICTOGRAM. Not Applicable.

RISK PHRASES. Not Applicable.

SAFETY PHRASES. Not Applicable.

16. OTHER INFORMATION.

The information in this publication is accurate to the best of the knowledge of **ASTROflame (FireSeals) Ltd.**

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