

Super Baldiez

MATERIAL SAFETY DATASHEET

Supplied by Mouldlife

Mouldlife
Miro House
Western Way (West)
Bury St Edmunds
Suffolk
IP33 3SP

t. +44(0) 1638 750679 f. +44(0) 1638 751779

www.mouldlife.co.uk

1. Identification of the Substance/Preparation and of the company/Undertaking

Preparation: **Super Baldiez**

Company: **Mouldlife**

Miro House
Western Way (West)
Bury St Edmunds
Suffolk
IP33 3SP

T. +44(0) 1638 750679

F. +44(0) 1638 751779

Emergency Telephone: T. +44(0) 1638 750679

2. Hazards Identification

Human Health Effects: Highly flammable. Irritating to eyes. Repeated exposure may cause skin dryness or cracking. Vapours may cause drowsiness and dizziness.

Environmental Effects: On the basis of available information, this product is not expected to produce any significant adverse environmental effects when recommended use instructions are followed.

3. Composition/Information on Ingredients

Chemical Description: Solvent based polyurethane

Hazardous Components:

| | CAS Number | Symbol | R-Phrases | Conc. Weight % |
|---------------|------------|--------|----------------------|----------------|
| Ethyl Acetate | 141-78-6 | F, Xi | R11,R36, R66, R67 | 30-60 % |
| Ethanol | 64-17-5 | F | R11 | 30-60 % |

4. First Aid Measures

Skin Contact: Remove contaminated clothing. In the event of contact with the skin, remove excess product with a clean cloth; clean skin with running water. If irritation persists or if any sign of tissue damage is apparent, obtain medical advice immediately.

Eye Contact: In the event of contact with eyes, irrigate copiously with water for at least ten minutes; obtain medical advice immediately if irritation persists or there is any tissue damage.

Inhalation: In the event of excessive inhalation remove the individual to fresh air and keep at rest; obtain medical advice immediately.

Ingestion: In the event of accidental ingestion, rinse mouth with water; give up to 1 tumbler (½ pint) of milk or water to drink; obtain medical advice immediately. Do not induce vomiting.

5. Fire Fighting Measures

Extinguishing Media: Dry powder, carbon dioxide or foam, do not use water.

Exposure Hazards: Highly flammable, Keep containers cool by spraying with water if exposed to fire. Heating will cause pressure rise with risk of bursting and subsequent explosion. For decomposition products see Section 10.

Protective Equipment: Fire fighters and others exposed, wear self contained breathing apparatus.

6. Accidental Release Measures

Personal Precautions: Use personal protection recommended in Section 8.

Environmental Precautions: Do not allow to enter drains and water courses. If sewers become contaminated contact Local Water Authority and Police. Should product enter other waterways inform the Environment Agency.

Methods for Cleaning Up: Absorb onto sand. Drums leaking near base may be inverted. For disposal see Section 13.

7. Handling and Storage

| | |
|------------------|---|
| Handling: | Handle in a well ventilated flameproof area preferably in an enclosed system. Keep concentration of vapours as low as is reasonably practicable and observe occupational exposure limits detailed in Section 8. |
| Storage: | Store in cool, well ventilated areas. Keep away from sources of ignition. |

8. Exposure Controls/Personal Protection

| | |
|---|--|
| Engineering Measures: | Ensure adequate ventilation to keep vapour concentrations below occupational exposure limits. |
| Occupational Exposure Limits (EH40): | 400ppm - 8-hour TWA |
| Eyes: | Goggles. |
| Respiratory Protection: | Wear suitable respiratory protection if exposure limits may be exceeded. Airline respirator or cartridge respirator with appropriate filter. |
| Hand Protection: | Wear impermeable gloves. |
| Skin Protection: | Wear suitable protective clothing. |

9. Physical and Chemical Properties

| | |
|--------------------------------|----------------------|
| Appearance: | pale yellow liquid |
| Odour: | Characteristic odour |
| Viscosity: | Viscous |
| Solubility in water: | Insoluble |
| Flash Point Closed Cup: | -4°C |
| Boiling point/range: | 77°C (solvent) |
| Relative density: | 0.9.35 – 0.945 |

10. Stability and Reactivity

Conditions to Avoid: Heating will cause pressure rise with risk of bursting and subsequent explosion. Sources of ignition. Strong oxidising agents.

Hazardous Decomposition Products: Thermal decomposition will yield toxic fumes of carbon dioxide, carbon monoxide and oxides of nitrogen.

11. Toxicological Information

Laboratory Data: ETHYL ACETATE
Oral rat LD50 5620mg/kg

ETHANOL
Oral rat LD50 7060mg/kg

Human Data: Inhalation of the vapour in high concentrations may cause dizziness, headache and nausea and irritation of the respiratory tract. The liquid is a slight skin irritant and prolonged or repeated skin contact can cause dermatitis.
Danger of cumulative effects through inhalation and with contact with skin.

12. Ecological Information

Assessment: If properly handled, this material should not present a serious environmental hazard.

Test Results: Mouldlife has not conducted environmental studies on this product. The product does not contain any substance that is classified under EC legislation for environmental effects.

Negligible ecotoxicity and is only slightly biodegradable. Its presence in surface waters could present a hazard in terms of oxygen depletion. does not bioaccumulate.

13. Disposal Considerations

In accordance with the Environmental Protection Act (Duty of Care) Regulations 1991. The Control of Pollution (Special Waste) Regulations 1996, SI 972 apply and advice should be obtained from the Environment Agency regarding disposal.

14. Transport Information

UN Class : 3 UN No: 1866 Packing Group: II
PSN: RESIN SOLUTION, Flammable

IMO Class: 3.2

EmS 3-05

ADR/RID: Class 3, II
Hazard Identification No. 33



15. Regulatory Information

EC Classification:

**HIGHLY
FLAMMABLE**



IRRITANT

Risk Phrases:

R11 Highly Flammable
R36 Irritating to eyes
R66 Repeated exposure may cause skin dryness or cracking
R67 Vapours may cause drowsiness and dizziness

Safety Phrases:

S16 Keep away from sources of ignition - No Smoking
S24/25 Avoid contact with skin and eyes
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
S29 Do not empty into drains
S43 In case of fire use sand, foam, dry powder or carbon dioxide extinguisher