

SAFETY DATA SHEET

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(uncontrolled copy in accordance with 91/155/EEC & 1999/45/EC)

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

Product name: **Strip-It Sealer & Coating Stripper 28-1-1**

Application: Solvent for removing light coatings

Company: All for Stone Limited, 4 Gardd Yr Gwanwyn, Northop Hall Flintshire, CH7 6GA

Telephone: 01244 819939

2. HAZARDS IDENTIFICATION

Main hazards: Irritating to eyes.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous ingredients:

2-(2-BUTOXYETHOXY)ETHANOL EINECS: 203-961-6 CAS: 112-34-5: >50%

DIMETHYL GLUTARATE EINECS: 214-277-2 CAS: 1119-40-0: 20 – 25%

DIMETHYL SUCCINATE EISNECS: 203-419-9 CAS: 106-65-0: 5 – 10%

DIMETHYL ADIPATE EINECS: 211-020-6 CAS: 627-93-0: 2 – 10%

4. FIRST AID MEASURES (SYMPTOMS)

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: There may be irritation of the throat.

Inhalation: Vapours or aerosols which may be formed at elevated temperatures or by mechanical action may be irritating to eyes and respiratory tract.

4. FIRST AID MEASURES (ACTION)

Skin contact: Wash immediately with plenty of soap and water. Remove grossly contaminated clothing, including shoes, and launder before re-use. Get prompt medical attention if irritation persists.

Eye contact: Immediately flush eyes with large amounts of water for at least 15 minutes. Get prompt medical attention.

Ingestion: Do not induce vomiting. If conscious, wash out mouth with water and give half a litre of water to drink immediately. If symptoms occur, get prompt medical attention.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. Administer artificial respiration if breathing has stopped. Keep at rest. In case of persistent symptoms, consult doctor.

5. FIRE-FIGHTING MEASURES

Extinguishing media: Water fog. Dry chemical powder. Alcohol resistant foam. Carbon dioxide. Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

Exposure hazards: In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

Protection of fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Refer to section 8 of SDS for personal protection details. Evacuate non-essential staff, or those not equipped with individual protection apparatus. Turn leaking containers leak-side up to prevent the escape of liquid. Avoid contact with skin and eyes.

Environmental precautions: Prevent liquid from entering sewers, watercourses or low areas. Contain the spillage using bunding. Do not release to the environment. In the event of release to watercourse, notify

relevant authorities in accordance with all applicable regulations.

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method. Take all measures to minimise contact with water.

7. HANDLING AND STORAGE

Handling requirements: Ensure there is sufficient ventilation of the area. Handle and open containers with care. DO NOT handle near an open flame, sources of heat or sources of ignition. Avoid contact with skin and eyes. Avoid inhalation of mists.

Storage conditions: Store in cool, well ventilated area. Keep container tightly closed. DO NOT store near an open flame, sources of heat or sources of ignition.

Suitable packaging: Stainless steel. Mild steel. Do not use Copper, Zinc or Aluminium containers.

Compatibility with plastic materials can vary; we therefore recommend that compatibility be tested prior to use.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Hazardous ingredients: 2-(2-BUTOXYETHOXY)ETHANOL

WEL (8 hr TWA): 100 mg/m³ WEL (15 min STEL): 100 mg/m³

Engineering measures: Ensure there is sufficient ventilation of the area.

Respiratory protection: Suitable filter material depends on the amount and type of other chemicals being handled in the workplace. If required, Half face filtering respirator (EN140). Gas/vapour filter, type A: organic vapours (EN141). Self-contained breathing apparatus must be available in case of emergency.

Hand protection: Butyl gloves. Gloves should be replaced immediately if signs of degradation are observed. Eye protection: Safety goggles. Ensure eye bath is to hand.

Skin protection: Use work-clothes which protect arms, legs and body.

9. PHYSICAL AND CHEMICAL PROPERTIES

State: Liquid

Colour: Colourless

Odour: Barely perceptible odour/ mild fruity

Evaporation rate: No data

Solubility in water: dispersible

Boiling point/range°C: 196 - 230

Melting point/range°C: <-20

Flammability limits %: lower: 0.81 upper: 8.1

Flash point°C: >100

Autoflammability°C: 223

Vapour pressure: 0.3 hPa @ 20°C

Relative density: 1.00 g/mL @ 20°C

10. STABILITY AND REACTIVITY

Stability: Forms peroxides on prolonged storage if air is present.

Conditions to avoid: Do not distil to dryness.

Materials to avoid: Strong oxidising agents. Strong acids. Strong bases.

Haz. decomp. products: Does not decompose at ambient temperatures. In combustion emits toxic fumes of carbondioxide / carbon monoxide.

11. TOXICOLOGICAL INFORMATION

Hazardous ingredients: see section 3

ORL RAT LD50 4500 mg/kg

Chronic toxicity: Frequent or prolonged contact may cause mild skin discomfort. No chronic effects expected.

Routes of exposure: Refer to section 4 of SDS for routes of exposure and corresponding symptoms.

12. ECOLOGICAL INFORMATION

Ecotoxicity: BUTYL DIGLYCOL

DAPHNIA 48H EC50 > 72 mg/l

FISH Fathead Minnows 96H LC50 >19 mg/l

Mobility: Miscible in water. Low volatility.

Persistence and degradability: Biodegradable.

Bioaccumulative potential: Low bioaccumulation potential.

Other adverse effects: Not expected to be Harmful to aquatic organisms.

13. DISPOSAL CONSIDERATIONS

Disposal operations: Ensure compliance with local regulations. This product is not suitable for disposal by either landfill or via municipal sewers, drains, natural streams or rivers. This product is suitable for burning in an enclosed controlled burner for fuel value or disposal by supervised incineration at very high temperatures to prevent formation of undesirable combustion products. Disposal of packaging: Empty packaging should be taken for recycling, recovery or disposal through a suitably qualified or licensed contractor. Ensure compliance with local regulations. NB: According to European Waste Catalogue, Waste Codes are not product specific, but application specific. The user must be aware that the conditions of use may affect the waste classification after use. Please refer to the List of Wastes (England) Regulations 2005 (SI 2005 No 895) for waste nomenclature.

14. TRANSPORT INFORMATION

ADR / RID

UN no: Not Classified.

IMDG / IMO

UN no: Not Classified.

IATA / ICAO

UN no: Not Classified.

15. REGULATORY INFORMATION

Hazard symbols: Irritant.



Risk phrases: R36: Irritating to eyes.

Safety phrases: S24: Avoid contact with skin.

S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Note: GOVERNING DIRECTIVE: Dangerous Substances Directive 67/548/EC, as modified. This classification results from test data and/or assessment.

16. OTHER INFORMATION

Other information: This safety data sheet is prepared in accordance with EC Directive 2001/58/EC.

SOURCES OF INFORMATION:

Workplace Exposure Limits EH40/2005.

The Dictionary of Substances and their Effects (DOSE) (2nd ed.).

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2002 (CHIP3).

Approved Classification and Labelling Guide (5th ed.).

The compilation of safety data sheets ACoP (3rd ed.).

Approved Supply List (8th ed.).

Approved Carriage List (3rd ed.).

European Council Directive 1999/13/EC ("Solvents Emissions Directive").

The List of Wastes (England) Regulations 2005 (SI 2005 No 895).

Supplier information

REVISION SUMMARY:

all sections

Risk phrases used in s.3: R36: Irritating to eyes.

Legal disclaimer: The information provided relates only to the product or material specified and does not apply if used in combination with other materials. The data sheet gives information to the best of All for Stone's knowledge and awareness as of its issue date. However, no representation, warranty or guarantee is made as to its accuracy, reliability or completeness. It is the user's responsibility to be satisfied that the information provided is suitable and complete enough for this material's particular use.