

U-POL™

SAFETY DATA SHEET

GREYSTRIPE

Page 1

Issued: 05/12/2007

Revision No: 6

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

Product name: GREYSTRIPE

Product code: GS/1

Use of substance / preparation: FLEXIBLE SEALANT CONTAINING TOLUENE

Company name: U-Pol Products

Denington Industrial Estate

Denington Road

Wellingborough

Northants

NN8 2QP

United Kingdom

Tel: +44-(0)-1933 230300

Fax: +44-(0)-1933 230351

Emergency tel: +44-(0)-1933 230310

Email: technical@u-pol.com

2. HAZARDS IDENTIFICATION

Main hazards: Highly flammable. Harmful by inhalation. Irritating to eyes, respiratory system and skin. Harmful: danger of serious damage to health by prolonged exposure through inhalation. Possible risk of harm to the unborn child. Harmful: may cause lung damage if swallowed. Repeated exposure may cause skin dryness or cracking.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous ingredients: TOLUENE 30-50%

EINECS: 203-625-9 CAS: 108-88-3

[F] R11; [Xi] R38; [Xn] R48/20; [Xn] R63; [Xn] R65; [-] R67

- 4-METHYLPENTAN-2-ONE 1-10%

EINECS: 203-550-1 CAS: 108-10-1

[F] R11; [Xn] R20; [Xi] R36/37; [-] R66

- THERMOPLASTIC ACRYLIC RESIN 10-30%

[cont...]

SAFETY DATA SHEET

GREYSTRIFE

- INERT FILLER 10-30%

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 soreness and redness of the mouth and throat. Nausea and stomach pain may occur.
- Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest.

4. FIRST AID MEASURES (ACTION)

- Skin contact:** Wash immediately with plenty of soap and water. Remove all contaminated clothes and footwear immediately unless stuck to skin.
- Eye contact:** Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.
- Ingestion:** Do not induce vomiting. Wash out mouth with water. Transfer to hospital as soon as possible.
- Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

5. FIRE-FIGHTING MEASURES

- Extinguishing media:** Carbon dioxide. Alcohol or polymer foam. Dry chemical powder. Do not use water.
- Exposure hazards:** Highly flammable. In combustion emits toxic fumes of carbon dioxide / carbon monoxide.
- Protection of fire-fighters:** Wear self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

- Personal precautions:** Refer to section 8 of SDS for personal protection details.
- Environmental precautions:** Do not discharge into drains or rivers.
- Clean-up procedures:** Absorb into dry earth or sand. Wash the spillage site with large amounts of water.

7. HANDLING AND STORAGE

- Handling requirements:** Ensure there is sufficient ventilation of the area.
- Storage conditions:** Store in cool, well ventilated area. Keep away from sources of ignition. Keep container tightly closed.
- Suitable packaging:** Must only be kept in original packaging.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION**Workplace exposure limits**

- WEL (8 hr exposure limit):** 50 ppm
- WEL (15 min exposure limit):** 150 ppm

Respirable dust

- WEL (8 hr exposure limit):** 1 mg/m³

Hazardous ingredients: TOLUENE

WEL (8 hr exposure limit): 191 mg/m³ WEL (15 min exposure limit): 574 mg/m³

- 4-METHYLPENTAN-2-ONE

WEL (8 hr exposure limit): 208 mg/m³ WEL (15 min exposure limit): 416 mg/m³

SAFETY DATA SHEET

GREYSTRIFE

- Engineering measures:** Ensure there is sufficient ventilation of the area.
- Respiratory protection:** Gas/vapour filter, type A: organic vapours (EN141).
- Hand protection:** Nitrile gloves.
- Eye protection:** Safety goggles. Ensure eye bath is to hand.
- Skin protection:** Protective clothing with elasticated cuffs and closed neck.

9. PHYSICAL AND CHEMICAL PROPERTIES

- State:** Liquid
- Colour:** Grey
- Odour:** Characteristic odour
- Evaporation rate:** Moderate
- Solubility in water:** Insoluble
- Also soluble in:** Most organic solvents.
- Viscosity:** Viscous
- Viscosity value:** 6000 cps
- Flammability limits %: lower:** 1.2
- upper:** 7.1
- Flash point°C:** 4
- Autoflammability°C:** 480
- Relative density:** 1.0
- VOC g/l:** 535

10. STABILITY AND REACTIVITY

- Stability:** Stable under normal conditions.
- Conditions to avoid:** Heat. Direct sunlight. Sources of ignition.
- Haz. decomp. products:** In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

11. TOXICOLOGICAL INFORMATION

- Hazardous ingredients:** TOLUENE
- IVN RAT LD50 1960 mg/kg
- ORL MUS LD50 2 gm/kg
- ORL RAT LD50 6900 mg/kg
- 4-METHYLPENTAN-2-ONE
- IPR RAT LD50 400 mg/kg
- ORL MUS LD50 1900 mg/kg
- ORL RAT LD50 2080 mg/kg

12. ECOLOGICAL INFORMATION

- Mobility:** Volatile. Insoluble in water.
- Persistence and degradability:** Not biodegradable.

SAFETY DATA SHEET

GREYSTRIFE

Bioaccumulative potential: No data available.**Other adverse effects:** No data available.**13. DISPOSAL CONSIDERATIONS****Disposal operations:** D10 Incineration on land.**Disposal of packaging:** Dispose of in a regulated landfill site or other method for hazardous or toxic wastes.**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.**14. TRANSPORT INFORMATION****ADR / RID**

UN no:	1133	ADR Class:	3
Packing group:	II	Classification code:	F1
Shipping name:	PAINT		
Labelling:	3	Hazard ID no:	33

**IMDG / IMO**

UN no:	1263	Class:	3
Packing group:	II	EmS:	F-E,S-E
Marine pollutant:	.		
Labelling:	3		

IATA / ICAO

UN no:	1263	Class:	3
Packing group:	II		
Packing instructions:	305(P&CA); 307(CAO)		
Labelling:	3		

15. REGULATORY INFORMATION**Hazard symbols:** Highly flammable.

Harmful.

**Risk phrases:** R11: Highly flammable.

R20: Harmful by inhalation.

SAFETY DATA SHEET

GREYSTRIFE

R36/37/38: Irritating to eyes, respiratory system and skin.

R48/20: Harmful: danger of serious damage to health by prolonged exposure through inhalation.

R63: Possible risk of harm to the unborn child.

R65: Harmful: may cause lung damage if swallowed.

R66: Repeated exposure may cause skin dryness or cracking.

Safety phrases: S9: Keep container in a well-ventilated place.

S16: Keep away from sources of ignition - No smoking.

S23: Do not breathe vapour/spray

S36/37: Wear suitable protective clothing and gloves.

Note: The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

US VOC CONVERSION FACTOR 250 g/l = 2.1 lb/gal

16. OTHER INFORMATION

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

FOR PROFESSIONAL USE ONLY. Read full instructions before use.

IMPORTANT: This product contains hazardous materials and therefore appropriate personal protective equipment should always be used.

Please refer to the label and consult the material safety data sheet for full handling instructions and personal protection information. These are available via your local stockist or via the U-POL website at WWW.U-POL.COM.

U-POL disclaim any liability where the user does not wear the recommended personal protective equipment.

Risk phrases used in s.3: R11: Highly flammable.

R38: Irritating to skin.

R48/20: Harmful: danger of serious damage to health by prolonged exposure through inhalation.

R63: Possible risk of harm to the unborn child.

R65: Harmful: may cause lung damage if swallowed.

R67: Vapours may cause drowsiness and dizziness.

R20: Harmful by inhalation.

R36/37: Irritating to eyes and respiratory system.

R66: Repeated exposure may cause skin dryness or cracking.

SAFETY DATA SHEET

GREYSTRIPE

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. Addition of reducers, hardeners and other additives over and above U-POL's recommendations for use, may substantially alter the composition and hazards of the product. Since conditions of use are outside our control, this company shall not be held liable for any damage resulting from handling or from contact with the above product.