

# SAFETY DATA SHEET

Page 1

## Black Witch Adhesive

Issued: 09/05/2003

Revision No: 2

Stormsure Limited  
Valley Farm  
London Road  
Balsham, Cambridge. CB1 6HH. UK  
Tel +44 (0)1638 570478  
Fax +44 (0)1638 570499

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

**Product name:** Black Witch

**Use / description of product:** Adhesive

### 2. COMPOSITION / INFORMATION ON INGREDIENTS

**Ingredient 1:** DICHLOROMETHANE 60-90%

CAS: 75-09-2

EINECS: 200-838-9

[Xn] R40;

**Ingredient 2:** TOLUENE <10%

CAS: 108-88-3

EINECS: 203-625-9

[F] R11; [Xn] R20;

### 3. HAZARDS IDENTIFICATION

**Main hazards:** Limited evidence of a carcinogenic effect.

### 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:** Nausea and stomach pain may occur. There may be vomiting.

**Inhalation:** Exposure may cause coughing or wheezing. There may be congestion of the lungs causing severe shortness of breath.

### 4. FIRST AID MEASURES (ACTION)

**Skin contact:** Remove all contaminated clothes and footwear immediately unless stuck to skin. Remove from skin with paper or towel. Wash effected area thoroughly with soap and water. Seek medical advice if symptoms persist. Seek medical help if symptoms persist

**Eye contact:** Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.

**Ingestion:** Do not induce vomiting. If conscious, give 1 pint of water to drink immediately. If unconscious, check for breathing and apply artificial respiration if necessary. If

[cont...]

## Black Witch Adhesive

unconscious and breathing is OK, place in the recovery position. Transfer to hospital as soon as possible.

**Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so. Obtain medical help if there is difficulty breathing. Consult a doctor if symptoms persist.

**5. FIRE-FIGHTING MEASURES**

**Extinguishing media:** Carbon dioxide. Alcohol or polymer foam. Dry chemical powder.

**Exposure hazards:** In combustion emits toxic fumes.

**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:** Mark out the contaminated area with signs and prevent access to unauthorised personnel. Turn leaking containers leak-side up to prevent the escape of liquid.

**Environmental precautions:** Do not discharge into drains or rivers. Contain the spillage using bunding.

**Clean-up procedures:** Absorb into dry earth or sand. If inside, transfer outside of building in suitable containers. For small spills, absorb on to paper and allow to evaporate in a fume cupboard. Wash the spillage site with large amounts of water.

**7. HANDLING AND STORAGE**

**Handling requirements:** Ensure there is sufficient ventilation of the area. Avoid direct contact with the substance.

**Storage conditions:** Store in cool, well ventilated area. Keep container tightly closed.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

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

**Respiratory protection:** In case of insufficient ventilation wear suitable respiratory equipment. If exposure levels are likely to be exceeded, use a face mask fitted with an AXP3 filter for short term low level exposures, or for long term/ high level exposures a positive pressure air fed mask should be used.

**Hand protection:** Protective gloves.

**Eye protection:** Safety goggles.

**Skin protection:** Wear protective work clothing sufficient to avoid skin contact. Wash hands regularly, before breaks and at the end of the working day. Wash hands thoroughly before breaks and at end of working day.

**TWA (8 hr exposure limit):** 50ppm

**STEL (15 min exposure limit):** 150ppm

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**State:** Liquid

**Colour:** Amber

**Odour:** Pungent

**Viscosity:** Non-viscous

**Oxidising:** Non-oxidising (by EC criteria)

## Black Witch Adhesive

**Solubility in water:** Insoluble

**Flash point°C:** Non-flam

**Autoflammability°C:** 500

**Relative density:** 1.28

**10. STABILITY AND REACTIVITY**

**Stability:** Stable under normal conditions.

**Conditions to avoid:** Heat. Sources of ignition.

**Materials to avoid:** Strong acids. Strong bases.

**11. TOXICOLOGICAL INFORMATION**

**Effects of exposure** Narcotic effect. Drowsiness. Difficulty in breathing.

**Routes of exposure** Danger of serious damage to health by prolonged exposure through inhalation.

**Ingredient 1:** DICHLOROMETHANE

ORL MUS LD50 4770mg/kg

ORL RAT LD50 5350mg/kg

SCU MUS LD50 6460mg/kg

**Ingredient 2:** TOLUENE

IVN RAT LD50 1960mg/kg

ORL MUS LD50 2gm/kg

ORL RAT LD50 6900mg/kg

**12. ECOLOGICAL INFORMATION**

**Mobility:** Highly volatile.

**Persistence and degradability:** Biodegradable in part only.

**Bioaccumulative potential:** No data available.

**13. DISPOSAL CONSIDERATIONS**

**Waste disposal:** Arrange for collection by specialised disposal company.

**Disposal of packaging** Arrange for collection by specialised disposal company.

**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:** 2810

**ADR Class:** 6.1

**Hazard ID no:** 60

**Labelling:** 6.1

**Shipping name:** TOXIC LIQUID, ORGANIC, N.O.S.

**IMDG / IMO**

**UN no:** 2810

**Class:** 6.1

**Packing group:** III

**Black Witch Adhesive**

**EmS:** 6.1-02

**Marine pollutant:** .

**Labelling:** 6.1

**IATA / ICAO**

**UN no:** 2810

**Class:** 6.1

**Packing group:** III

**Packing instructions:** 618

**Quantity:** 220 L

**Labelling:** 6.1

**15. REGULATORY INFORMATION**

**Hazard symbols:** Harmful.



**Risk phrases:** R40: Limited evidence of a carcinogenic effect.

**Safety phrases:** S2: Keep out of the reach of children.

S36/37: Wear suitable protective clothing and gloves.

S23: Do not breathe vapour.

S24/25: Avoid contact with skin and eyes.

S62: If swallowed, do not induce vomiting; seek medical advice immediately and show this container or label.

Can become highly flammable in use.

S29/35: Do not empty into drains; dispose of this material and its container in a safe way.

**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.

**16. ADDITIONAL INFORMATION**

**Risk phrases used in s.2:** R40: Limited evidence of a carcinogenic effect.

R11: Highly flammable.

R20: Harmful by inhalation.

**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. This company shall not be held liable for any damage resulting from handling or from contact with the above product.