

# SAFETY DATA SHEET

SHERGIL 101/110

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Issued: 08/06/2009

Revision No: 2

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

**Product name:** SHERGIL 101/110

**Use of substance / preparation:** Adhesive

**Company name:** Stephen Webster Plastics Limited

Brick Knoll Park

Ashley Road

St Albans

Herts

AL1 5PL

Tel: 01727 863138

Fax: 01727 844291

## 2. HAZARDS IDENTIFICATION

**Main hazards:** Highly flammable. Irritating to 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. Vapours may cause drowsiness and dizziness.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

**Contains:** Contains toluene greater than 50%

## 4. FIRST AID MEASURES (SYMPTOMS)

**Skin contact:** Degreasing effect on the skin, possibly followed by secondary inflammation Danger of skin absorption

**Eye contact:** There may be irritation and redness.

**Ingestion:** vomiting, absorption. Risk of aspiration upon vomiting

**Inhalation:** damage to respiratory tract

## 4. FIRST AID MEASURES (ACTION)

**Skin contact:** Wash off skin thoroughly with water Remove contaminated clothing and wash before re-use Unless contact has been slight, OBTAIN MEDICAL ATTENTION

**Eye contact:** Irrigate thoroughly with water for at least 10 minutes If discomfort persists obtain medical attention

**Ingestion:** Wash out mouth thoroughly with water and give plenty of water to drink OBTAIN MEDICAL ATTENTION

**Inhalation:** Remove from exposure, rest and keep warm. In severe cases obtain medical attention

## 5. FIRE-FIGHTING MEASURES

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

**Exposure hazards:** Highly flammable. Forms explosive air-vapour mixture.

**Protection of fire-fighters:** Wear self-contained breathing apparatus.

[cont...]

**6. ACCIDENTAL RELEASE MEASURES**

**Personal precautions:** Shut off all sources of ignition. Wear appropriate protective clothing.

**Environmental precautions:** Do not discharge into drains or rivers.

**Clean-up procedures:** Mix with sand, transfer carefully to container and arrange removal by disposal company.

**7. HANDLING AND STORAGE**

**Handling requirements:** Take measures against static discharge. Ensure there is sufficient ventilation of the area.

**Storage conditions:** Store at room temperature (15 - 25°C recommended). Keep well closed and protected from direct sunlight and moisture.

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

**WEL (8 hr TWA):** 191 mg/m<sup>3</sup>

**WEL (15 min STEL):** 574 mg/m<sup>3</sup>

**Engineering measures:** As appropriate to the situation and quantity handled. Engineering methods to control or prevent exposure are preferred. Methods could include process enclosure or mechanical ventilation.

**Respiratory protection:** Wear suitable respiratory protection if engineering controls are not fitted or inadequate.

**Hand protection:** Protective gloves.

**Eye protection:** Safety glasses.

**Skin protection:** Protective clothing.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**State:** viscous liquid

**Colour:** Colourless

**Odour:** Aromatic

**Evaporation rate:** Moderate

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

**Solubility in water:** Insoluble

**Also soluble in:** Most organic solvents.

**Viscosity:** Viscous

**Boiling point/range°C:** 110

**Flammability limits %: lower:** 1.4

**upper:** 7

**Flash point°C:** 4

**Autoflammability°C:** 500

**Relative density:** 0.9

**10. STABILITY AND REACTIVITY**

**Stability:** Stable under normal conditions.

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**Conditions to avoid:** Heat.

**Materials to avoid:** Oxidising agents. The possibility of reaction with other substances can not be excluded

**Haz. decomp. products:** May evolve toxic fumes in fire

**11. TOXICOLOGICAL INFORMATION**

**Acute toxicity:** SHERGIL 101/110  
 IVN RAT LD50 1960 mg/kg  
 ORL MUS LD50 2 gm/kg  
 ORL RAT LD50 6900 mg/kg

**Chronic toxicity:** No Data

**Routes of exposure:** Inhalation, ingestion Skin absorption

**12. ECOLOGICAL INFORMATION**

**Mobility:** Insoluble in water.

**Persistence and degradability:** No data available.

**Bioaccumulative potential:** No data available.

**13. DISPOSAL CONSIDERATIONS**

**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

**14. TRANSPORT INFORMATION**

**ADR / RID**

<b>UN no:</b> 1993	<b>ADR Class:</b> 3
<b>Packing group:</b> II	<b>Classification code:</b> F1
<b>Shipping name:</b> FLAMMABLE LIQUID, N.O.S. (TOLUENE)	
<b>Labelling:</b> 3	<b>Hazard ID no:</b> 33



**IMDG / IMO**

<b>UN no:</b> 1993	<b>Class:</b> 3
<b>Packing group:</b> II	<b>EmS:</b> F-E,S-E*
<b>Marine pollutant:</b> .	
<b>Labelling:</b> 3	

**IATA / ICAO**

<b>UN no:</b> 1993	<b>Class:</b> 3
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**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.

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.

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

S36/37: Wear suitable protective clothing and gloves.

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

S46: If swallowed, seek medical advice immediately and show this container or label.

**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. OTHER INFORMATION

**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.