

# SAFETY DATA SHEET

HIPSOL

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Revision No: 1

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

**Product name:** HIPSOL

**Company name:** Stephen Webster Plastics Limited

Brick Knoll Park

Ashley Road

St Albans

Herts

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## 2. COMPOSITION / INFORMATION ON INGREDIENTS

**Contains:** Contains Dichloromethane

## 3. HAZARDS IDENTIFICATION

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

## 4. FIRST AID MEASURES (SYMPTOMS)

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

**Eye contact:** Severe irritation Risk of corneal clouding

**Ingestion:** May cause gastrointestinal irritation, nausea, vomiting and diarrhoea

**Inhalation:** dizziness, nausea, vomiting

## 4. FIRST AID MEASURES (ACTION)

**Skin contact:** Wash immediately with plenty of soap and 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 OBTAIN MEDICAL ATTENTION

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

**Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so. In severe cases obtain medical attention

## 5. FIRE-FIGHTING MEASURES

**Extinguishing media:** Suitable extinguishing media for the surrounding fire should be used.

**Exposure hazards:** May evolve toxic fumes in fire phosgene, hydrochloric acid

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

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions:** Wear appropriate protective clothing inform other to keep at a safe distance

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**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:** Ensure there is exhaust ventilation of the area. Contaminated clothing should be removed and washed before re-use Do not empty into drains

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

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

**WEL (8 hr exposure limit):** 350mgm<sup>3</sup>

**WEL (15 min exposure limit):** 1060mgm<sup>3</sup>

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

**Respiratory protection:** self contained breathing apparatus or positive air mask when vapours are generated

**Hand protection:** Gloves (solvent-resistant). Gloves subject to permeation or any sign of degradation must be removed and replaced immediately

**Eye protection:** Safety goggles. Face-shield.

**Skin protection:** If handling large quantities - plastic apron, sleeves and boots

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**State:** Liquid

**Colour:** Colourless

**Odour:** Characteristic odour

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

**Solubility in water:** Insoluble

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

**Melting point/range°C:** -97

**Flammability limits %: lower:** 13

**upper:** 22

**Flash point°C:** N/A

**Vapour pressure:** 475 hPa

**Relative density:** 1.33

**10. STABILITY AND REACTIVITY**

**Stability:** Stable under normal conditions.

**Materials to avoid:** Alkali metals. Alkali earth metals. Finely powdered metals. Aluminium. Alcohols nitrogen oxides  
alkali amides oxygen

**Haz. decomp. products:** In combustion emits toxic fumes of hydrogen chloride / phosgene.

**11. TOXICOLOGICAL INFORMATION**

**Acute toxicity:** HIPSOL  
ORL MUS LD50 4770 mg/kg  
ORL RAT LD50 5350 mg/kg  
SCU MUS LD50 6460 mg/kg

**Chronic toxicity:** No Data

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

**12. ECOLOGICAL INFORMATION**

**Mobility:** Highly volatile.

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

**Bioaccumulative potential:** Bioaccumulation potential.

**Other adverse effects:** No data available.

**13. DISPOSAL CONSIDERATIONS**

**Disposal operations:** Chemical residues classified as chemical waste, and are covered by regulations which vary according to location

**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> 2810	<b>ADR Class:</b> 6.1
<b>Packing group:</b> II	<b>Classification code:</b> T1
<b>Shipping name:</b> TOXIC LIQUID, ORGANIC, N.O.S.	
<b>Labelling:</b> 6.1	<b>Hazard ID no:</b> 60

**IMDG / IMO**

<b>UN no:</b> 2810	<b>Class:</b> 6.1
<b>Packing group:</b> II	<b>EmS:</b> F-A,S-A
<b>Marine pollutant:</b> .	<b>Labelling:</b> 6.1

**IATA / ICAO**

<b>UN no:</b> 2810	<b>Class:</b> 6.1
<b>Packing group:</b> II	<b>Packing instructions:</b> 609(P&CA); 611(CAO)

**Labelling:** 6.1

## 15. REGULATORY INFORMATION

**Hazard symbols:** Harmful.



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

**Safety phrases:** S36/37: Wear suitable protective clothing and gloves.

S24/25: Avoid contact with skin and eyes.

S23: Do not breathe vapour

**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.