



# PAINT STRIPPER SAFETY DATA SHEET



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

**Product Name:** PAINT & VARNISH REMOVER

**Applications:** Dichloromethane (Methylene Chloride based) surface coatings remover, fast acting and effective in blistering and lifting most types of painted surface coating

**Supplier:** Palace Chemicals Ltd; Speke Hall Industrial Estate; Speke; Liverpool; L24 4AB  
Tel: 0151 486 6101; Fax 0151 448 1982  
e-mail: [sales@palacechemicals.co.uk](mailto:sales@palacechemicals.co.uk); web: [www.palacechemicals.co.uk](http://www.palacechemicals.co.uk)

## 2. HAZARDS IDENTIFICATION:

**Classification:** HARMFUL;

**Risk Phrases:** Harmful by inhalation; in contact with skin & if swallowed.  
Possible risks of irreversible effects by inhalation; in contact with skin & if swallowed  
Limited evidence of a carcinogenic effect

## 3. COMPOSITION / INFORMATION ON INGREDIENTS:

**Ingredients:** Methylene Chloride > 70% w/w  
CAS 75-09-2  
Methanol < 10% w/w  
CAS 67-56-1  
Paraffin wax & hydrocarbon solvents < 5% w/w

**Hazardous components:** Methylene Chloride & Methanol

## 4. FIRST AID MEASURES:

**Inhalation:** Avoid working in a poorly ventilated, confined space. Remove to fresh air and rest. If irritation or breathing difficulties persist, seek medical attention.

**Skin contact:** Wash off skin immediately with soapy water. Remove contaminated clothing and launder regularly. Prolonged and unattended contact should be avoided. Where irritation to skin is apparent seek medical attention.

**Ingestion:** Clean out mouth with copious volumes of water and drink plenty. Do not induce vomiting. Beware of aspiration if vomiting occurs. Seek prompt medical attention and show this data sheet

**Eye contact:** Irrigate thoroughly for 15 minutes with clean running water or a boric saline eye wash bottle. Seek medical attention should eye irritation persist or become inflamed.

## 5. FIRE FIGHTING MEASURES:

**Extinguishers:** Dry powder; alcohol resistant Foam, CO<sub>2</sub> – Do not use water jets.

**Combustion products:** Will only combust when exposed to fire or a vigorous source of flame  
Hazardous decomposition when subject to combustion – will produce noxious, irritating fumes including phosgene gas.

**Special procedures:** Use approved self-contained breathing apparatus. Only use a fine water spray to cool down heat affected containers – not burning product.

## 6. ACCIDENTAL RELEASE MEASURES:

- Personal protection:** Ventilate area and contain with absorbent material. Wear personal protective equipment including breathing apparatus if entering a confined space as recommended in section 8. Note small spillages will still present a slippage hazard.
- Environmental protection:** Do not allow spill to enter drains or watercourses. Form a dam with sand, earth or a boom. Absorb, bund and scrape spillages onto sand, sawdust or absorbent granules.
- Spill removal methods:** Confine absorbed residues in a clearly marked sealed container for disposal in accordance with Local Authority regulations for flammable products – subject to special waste management controls. Clean affected area with detergent & water

## 7. HANDLING & STORAGE:

- Handling precautions:** Ensure adequate ventilation and use all recommended personal protective equipment along with engineering controls such as local exhaust ventilation where available.
- Storage precautions:** Store in tightly-sealed, clearly marked containers. Keep out of reach of children in a cool well-ventilated environment preferably within a lockable metal cabinet. Do not store in direct sunlight or adjacent to sources of heat
- Usage precautions:** Always open can away from face when slowly releasing cap. Do not decant to fragile or plastic containers and use in small volumes at a time (< 1 litre) to minimise spillage risk. Advise persons not suitably equipped to avoid area whilst work is in progress

## 8. EXPOSURE CONTROLS & PERSONAL PROTECTION:

- Exposure limits:** OEL = 350mg/M3 8hr TWA; STEL = 1000mg/M3 for (10mins) - Dichloromethane
- Process controls:** Provide adequate containment and local exhaust ventilation
- Personal protection:** **Respiratory:** Good ventilation is always required however in confined spaces use an organic vapour filtered half-face mask or an air fed ventilation system.  
**Hand:** Wear 17" long elbow length latex rubber (chlorinated) or nitrile gloves approved to EN 374 & EN 420 with a BTT rating of > 4 hrs.  
**Eye:** BS 2092 Goggles should be worn for all applications to help prevent accidental face/eye contact and a full face visor where there is a risk of splashing or drips, along with head protection (PVC helmet) where overhead application is intended.  
**Skin:** A disposable PVC apron should be worn on top of overalls, however if the fabric becomes contaminated these should be laundered immediately. Frequent and prolonged skin contact must be prevented

## 9. PHYSICAL & CHEMICAL PROPERTIES:

<b>Appearance:</b>	Semi-viscous flowable Liquid	<b>Vapour pressure:</b>	< 0.5 kPa
<b>Colour:</b>	Opaque, grey colour	<b>Evaporation rate:</b>	< 1.4 (n-But Ac = 1)
<b>Density / SG:</b>	1.16 – 1.20 g/cm <sup>3</sup>	<b>Viscosity:</b>	1500 mm <sup>2</sup> /s
<b>Solubility:</b>	Oils & water (partially)	<b>Boiling point:</b>	From 42°C
<b>Flash point:</b>	n/a	<b>Flammability limits:</b>	19.0% upper vol in air
<b>Auto ignition Temp:</b>	> 500°C	<b>Oxidising properties:</b>	n/a

## 10. STABILITY & REACTIVITY:

- Conditions to avoid:** Sources of ignition, exposing container to direct sunlight and elevated temperatures
- Materials to avoid:** Oxidising agents
- Decomposition products:** Acrid black smoke; phosgene and oxides of carbon.

## 11. TOXICOLOGICAL INFORMATION:

<b>Routes of exposure:</b>	Inhalation, skin contact and ingestion.	<b>Corrosivity:</b>	Burns skin in prolonged contact
<b>Acute short term effects:</b>	Skin redness, irritation and eyes watering.	<b>Sensitisation:</b>	With prolonged contact
<b>Chronic long term effects</b>	irritation and sensitisation leading to dermatitis	<b>Mutagenicity:</b>	n/a
<b>Toxic dose -LD 50:</b>	LD50 > 1650mg/kg when rat ingested	<b>Carcinogenicity:</b>	n/a
<b>Prolonged exposure effects:</b>	headaches and Depression of the CNS	<b>Reproductive toxicity:</b>	n/a

## 12. ECOLOGICAL INFORMATION:

**Ecotoxicity:** LC50: 1 - 10 mg/litre  
**Bio-accumulative potential:** Negligible due to high volatility resulting in rapid evaporation to air.  
**Persistence & degradability:** Inherently biodegradable - Will be removed within a waste-water treatment facility

## 13. DISPOSAL CONSIDERATION:

**Disposal Methods:** Application equipment such as brushes and cloths can be left exposed to air to allow full evaporation of solvent, until they are either laundered or allowed to dry completely.  
**Special requirements:** Unused product and freshly contaminated application materials must be disposed of in accordance with local authority regulations for chlorinated solvents.  
**Regulatory controls:** Special waste provisions apply to the disposal of this product

## 14. TRANSPORT INFORMATION:

<b>Proper shipping name:</b>	TOXIC LIQUID, ORGANIC, NOS (CONTAINS DICHLOROMETHANE & METHANOL)		
<b>ADR Class No.:</b>	6.1	<b>Flash point:</b>	N/A
<b>UN No.</b>	2810	<b>IMDG Class:</b>	6.1
<b>ADR Packing Group:</b>	II	<b>IMDG Pack group:</b>	II
<b>EAC/HIN Codes:</b>	2X / 60	<b>Marine pollutant:</b>	YES

## 15. REGULATORY INFORMATION:

**Classification:** HARMFUL



**Risk phrases:** R20/21/22; R40; R68/20/21/22  
**Safety phrases:** S2, S16, S23, S24, S25, S57, S60, S62  
**UK Regulatory references:** All retail packs require a child resistant closure approved to BS EN ISO 28317 and a Tactile danger warning triangle.

## 16. OTHER INFORMATION:

**Last revision date:** 26-04-05  
**SDS No.:** 100  
**Data sources:** Volume VII Approved supply list; EH40; Croner; Bulk supplier data sheets  
**Disclaimer:** The information supplied in this safety data sheet is intended to assist in the use of the above product without risk to safety and health and is based on current knowledge and experience of the associated physico-chemical hazards. The data does not signify any warranty with regard to the product's properties. This information may be used to assist in formulating a COSHH risk assessment if applied at work. This data sheet complies with EC Directive 91/155EC.