

# TRADE GRADE PRODUCTS LTD

## MATERIAL SAFETY DATA SHEET

### 1. Identification of the substance / preparation and company.

Product name	Web Tack
Supplier	Trade Grade Products Limited
Address	2 Thorne Way Woolsbridge Industrial Park Three Legged Cross Wimborne Dorset BH21 6FB
Emergency telephone number	01202 820177

### 2. Composition / Information on Ingredients.

<u>Material description</u>	<u>Einecs No.</u>	<u>CAS No.</u>	<u>% Content</u>	<u>Health (class)</u>	<u>Risk (R No.)</u>
Dichloromethane	200-838-9	75-09-2	> 99	Xn	R40

### 3. Hazards Identification.

Highly flammable. Limited evidence of a carcinogenic effect. In use, may form flammable / explosive vapour-air mixture.

### 4. First Aid Measures.

Inhalation	If vapour has been inhaled in high concentrations move the affected person to fresh air, keep them warm and allow to rest. If there is difficulty breathing medical attention should be sought immediately.
Skin	Vapour and liquid are moderate skin irritants. Prolonged or repeated contact can give rise to severe irritation or cause dermatitis. Remove contaminated clothing immediately. Rinse affected skin with plenty of soap and water, using a mild cleaning agent. If irritation persists obtain medical attention.
Eye	Vapour can irritate the eyes and splashed liquid can cause irritation and transient, mild conjunctivitis. Immediately flush eyes with running water for at least 15 minutes without interruption. Obtain medical attention.
Ingestion	<b>DO NOT INDUCE VOMITING.</b> The main hazard of swallowing Toluene or Acetone is aspiration into the lungs and consequent chemical pneumonia. Obtain medical attention urgently.

### 5. Fire-fighting Measures.

Extinguishing media	Carbon dioxide. Alcohol or polymer foam. Dry chemical powder.
Exposure hazard	Extremely flammable. In combustion emits toxic fumes. Vapour may travel considerable distance to source of ignition and flash back. Forms explosive air-vapour mixture.
Special exposure hazards	Exposed to the heat of a fire this product may decompose releasing hydrogen chloride and small amounts of chlorine and phosgene.
Personal protection	Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

**6. Accidental Release Measures.**

Personal protection	Eliminate all sources of ignition. 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	Prevent the liquid entering drains, sewers or waterways. If the substance enters drains, sewers, etc inform the police or fire service.
Clean up of spillages	Absorb liquid in sand or earth and then remove to a suitable place for subsequent disposal.

**7. Handling and Storage.**

Handling	Ensure there is sufficient ventilation of the area. Smoking is forbidden. Avoid direct contact with the substance. Use non-sparking tools.
Storage	Store in accordance with the Highly Flammable Liquids Regulations. Keep containers tightly closed and dry. Avoid temperatures below 10°C and above 25°C. Drums should always be tightly closed after use.
Packaging materials	Must only be kept in original packaging.

**8. Exposure Controls / Personal Protection.**

Exposure limits	<u>STD</u>	<u>Long term</u> (8 hrs)	<u>Short term</u> (15 min)
Dichloromethane	MEL	100ppm – 350mg/m <sup>3</sup>	300ppm – 1060mg/m <sup>3</sup>
Ventilation	Ensure there is sufficient ventilation of the area. Ensure lighting and electrical equipment are not a source of ignition.		
Respiratory protection	Wear respiratory protection where there is a risk of exposure to concentrations above OEL (occupational exposure limit).		
Hand protection	Wear plastic or rubber gloves.		
Eye protection	Wear chemical resistant goggles.		
Skin protection	Wear protective clothing.		

**9. Physical and Chemical Properties.**

Appearance	Red liquid		
Odour	Characteristic		
Evaporation rate	Fast		
Boiling point	40°C		
Flash point	< -30°C		
Flammability	Highly flammable		
Auto ignition temperature	> 500°C		
Explosive limits in air % v/v	Lower	13%	
	Upper	22%	
Viscosity @ 20°C	Non-viscous		
Solubility	Insoluble in water. Soluble in organic solvents.		

**10. Stability and Reactivity.**

Conditions to avoid	Avoid open flames, welding arcs or other high temperature sources which include thermal decomposition.
Materials to avoid	Oxidising agents.
Hazardous decomposition hazards	Thermal decomposition products may include hydrogen chloride and small amounts of phosgene.

**11. Toxicological Information.**

DICHLOROMETHANE	ORL MUS LD50 4770 mg/kg ORL RAT LD50 5350 mg/kg SCU MUS LD50 6460 mg/kg
Eye contact	May cause conjunctive irritation and corneal damage.
Skin contact	Mild irritant but prolonged contact can cause more severe effects such as dermatitis.
Inhalation	Irritation of the respiratory tract.

**12. Ecological Information.**

Mobility	Volatile.
Persistence and degradability	Only slightly biodegradable.
Bioaccumulation	No bioaccumulation potential.
Ecotoxicity	Dichloromethane is practically non-toxic to fish in static water, but slightly toxic in flowing water.

**13. Disposal Consideration.**

Disposal of the product is governed by the Control of Pollution (Special Wastes) Regulations 1980.

Non-recoverable waste should be disposed of via a licensed waste disposal contractor.

**14. Transport Information.****ADR / RID**

<b>UN no:</b>	3161	<b>ADR Class:</b>	2.1
<b>Packing group:</b>	II	<b>Hazard ID no:</b>	23
<b>Labelling:</b>	2.1		
<b>Shipping name:</b>	LIQUEFIED GAS, FLAMMABLE, N.O.S		

**IMDG / IMO**

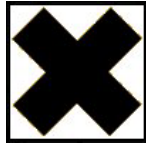
<b>UN no:</b>	3161	<b>Class:</b>	2.1
<b>Packing group:</b>	II		

**IATA / ICAO**

<b>UN no:</b>	3161	<b>Class:</b>	2
<b>Packing instructions:</b>	200	<b>Quantity:</b>	150

**15. Regulatory Information.**

CHIP Label for supply



HARMFUL



HIGHLY FLAMMABLE

CHIP Risk phrases	R40	Possible risk of irreversible effects.
CHIP Safety phrases	S9 S16 S23 S25 S29 S33 S51 S60	Keep containers in a well ventilated place. Keep away from sources of ignition. NO SMOKING. Do not breathe vapour. Avoid contact with eyes. Do not empty into drains. Take precautionary measures against static discharges. Use only in well ventilated areas. This material and its container must be disposed of as hazardous waste.
Regulatory references	CHIP Regulations 1996. Health and Safety at Work Act 1974. COSHH Regulations 1994.	

**16. Other Information.**

Other information This product should be used in accordance with the supplier's recommendations.

The information provided in this data sheet is based on our current knowledge of the product and is intended to describe it for the purpose of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

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