

**MATERIAL SAFETY DATA SHEET**

**DATE: 03/04/2007 ISSUE No.5 MATERIAL REFERENCE JC PAGE 1/4**

1. IDENTIFICATION OF SUBSTANCE OR PREPARATION

Product Name: Chemico Jointing Cement

Application: Liquid jointing compound for sealing of joints against leakage of petrol, oils, diesel, hydraulic fluid, paraffin, water, steam and gas joints.

COMPANY UNDERTAKING IDENTIFICATION

CHEMICO SALES & OVERSEAS LTD.

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2. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient Name	Cas no. contents	Health (class)	Risk (R no)
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Industrial Methylated Spirit	45%	NC	
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The non-solvent fraction of the compound (shellac and graphite) present no hazard to health.

3. HAZARDS IDENTIFICATION

Not regarded as a health hazard under current legislation.

4. FIRST AID MEASURES

Eye contact: Flush with copious amounts of water. If irritation persists seek medical attention.

Skin contact: Wash well with soap and water.

Ingestion: Wash from mouth with water. Seek medical attention.

Inhalation: Remove to well ventilated area, if excessive alcohol vapor is inhaled.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media: Water spray, dry powder and foam.

Specific Hazards: Fire decomposes to give irritating vapours and fumes of carbon dioxide.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Avoid skin contact, wear suitable protective clothing. Extinguish all ignition sources, ventilate.

Environmental Precautions: Small amounts have no adverse environmental impact.

Method of Cleaning / Recovery: Absorb on inert material such as sand or vermiculite.

#### 7. HANDLING AND STORAGE

Handling: Keep away from heat, sparks and flames. Avoid contact with eyes.  
Storage: Store away from foodstuffs and children, in cool ventilated area in the sealed container.  
Shelf life 1 year in sealed container.

#### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Ingredient Name:	CAS No.	STD	LT EXP
( 8hrs )			
Industrial Methylated Spirit:	64-17-5	OED	1000ppm
Respirators :	Where good natural ventilation is present none are necessary. Where ventilation is inadequate suitable respirators are recommended.		
Protective Gloves :	Chemical resistant gloves should be worn if prolonged hand contact is likely.		
Eye Protection :	Wear safety goggles if splashes to eyes are likely.		

#### 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Brown/Black viscous liquid.  
Odour: Alcoholic  
Density: 1.02 gm/cc  
Solubility: Immiscible in water  
Boiling Point: 80°C  
Evaporation Rate (BuAc = 1): 253  
Vapour pressure (mbar): 58.1 @ 20°C  
Vapour Density (air = 1): 1.59  
Flash Point (Abel Closed Cup): 17°C  
Auto Ignition Temperature: 365°C  
Flammability Limit – Lower %: 3.5  
Flammability Limit – Higher %: 19

#### 10. STABILITY AND REACTIVITY

Stability: Stable  
Conditions To Avoid: None  
Materials To Avoid: Strong oxidising agents  
Hazardous Decomposition Products: Irritating fumes and carbon monoxide.

#### 11. TOXICOLOGICAL INFORMATION

Toxicity: LD50 = 13.7gm/kg (oral rat)

## 12. ECOLOGICAL INFORMATION

No data available.

## 13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with Local Authority requirements.

Do not allow the product to enter drains or water courses.

## 14. TRANSPORT INFORMATION

ROAD, RAIL, SEA:

IMDG CLASS: 3  
PACKING GROUP: 2 (PAGE 3230)  
UN NO.: 1993  
CLASSIFICATION: Flammable Liquids Nos.  
FLASH POINT: 17°C  
LABEL FOR CONVEYANCE: Flammable liquid (class 3). Red diamond with flame symbol.  
SHIPPING DOCUMENT REQUIRED: Dangerous goods note. Tremcard.  
MARINE POLLUTANT: No

AIR:

PROPPER SHIPPING NAME: Flammable Liquid Nos. (Methylated Spirits).  
CLASS: 3  
PACKING GROUP: II  
UN NO.: 1993  
PACKING INSTRUCTION (PASSENGER): 305  
PACKING INSTRUCTION (CARGO): 307  
FLASH POINT: 17°C  
LABEL FOR CONVEYANCE: Flammable liquid (class 3). Red diamond with flame symbol.  
SHIPPING DOCUMENT REQUIRED: IATA forms in duplicate.

## 15. REGULATORY INFORMATION

Label for supply: Highly flammable (orange/black with flame symbol)  
Risk Phrases: R-11 Highly Flammable  
Safety Phrases: S-2 Keep out of reach of children  
S-7 Keep container tightly closed  
S-16 Keep away from sources of ignition. No smoking  
S-26 In case of contact with eyes, rinse well with water and seek medical advise.  
S-28a After contact with skin, wash immediately with soap and water  
S-51 Use only in well ventilated areas

UK Regulatory References: Chemicals ( Hazard information & packaging) Regulation 1993

16. OTHER INFORMATION

The information contained in this Safety Data Sheet, as of the issue date is believed to be true and correct.

However the accuracy of completeness of this information and any recommendations or suggestions, are made without warranty or guarantee. Since the conditions of use are beyond the control of our company, it is the responsibility of the user to determine the conditions of safe use of this product.