



# HELDITE LIMITED

Founded 1922  
MANUFACTURERS OF HELDITE JOINTING COMPOUND



HELDITE CENTRE BRISTOW ROAD HOUNSLOW MIDDLESEX TW3 1UP  
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## SAFETY DATA SHEET

Issue 7 – Nov 2012

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

Product Name: Heldite Jointing Compound  
Product Type: Jointing Compound  
Company: Heldite Limited  
Company Address: Heldite Centre, Bristow Road, Hounslow, Middlesex TW3 1UP  
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### 2. HAZARDS IDENTIFICATION

Highly Flammable.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous Components	CAS Number	EC No	Content
Ethanol	64-17-5	200-578-6	45%
Methanol	67-56-1	200-659-6	1%
Graphite	7782-42-5	231-955-3	3%

### 4. FIRST AID MEASURES

**Skin contact** Wash immediately with plenty of soap and water.  
**Eye contact** Bath the eye with running water for 15 minutes.  
**Ingestion** Immediately rinse mouth and provide fresh air. DO NOT induce vomiting. Seek medical attention immediately.  
**Inhalation** Move the exposed person to fresh air at once. Keep the affected person warm and at rest. If symptoms develop and persist seek prompt medical attention.

### 5. FIRE FIGHTING MEASURES

**Extinguishing media** Use water spray, foam or dry power  
**Exposure hazards** In combustion emits irritating gases/vapours/fumes.  
Fire creates carbon dioxide (CO<sub>2</sub>) AND Carbon Monoxide (CO).  
**Protection of Firefighters** Wear self-contained breathing apparatus.

### 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions** Wear suitable protective clothing as specified under section 8 of the safety data sheet  
**Spill clean up methods** Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Wipe spill away with absorbent material, vermiculite, dry sand or earth and place into containers.

## 7. HANDLING AND STORAGE

Handling	Keep away from heat, sparks and open flame. Avoid spilling, skin and eye contact. Avoid inhaling vapour.
Storage	Keep away from heat, sparks and open flame. Store in a cool, dry, well ventilated place in closed containers.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Hazardous Components	CAS Number	STD
Ethanol	64-17-5	OES
Methanol	67-56-1	OES
Graphite	7782-42-5	WEL (8hr TWA): 4mg/m3

<b>Engineering Controls</b>	Use in well ventilated areas.
<b>Respiratory protection</b>	Where good natural (or mechanical exhaust) ventilation is not practical, suitable respiratory equipment must be worn.
<b>Eye protection</b>	Wear approved chemical safety goggles where eye exposure is reasonably probable.
<b>Hand protection</b>	Wear protective gloves made of Nitrile, Neopreme, or chemical resistant gloves for prolonged or repeated contact.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Colour</b>	Brown/Black
<b>Appearance</b>	Viscose Liquid
<b>Odour</b>	Alcohol
<b>Solubility in water</b>	Insoluble
<b>Viscosity</b>	3.42 poises @ 23°C
<b>Specific Gravity (water=1)</b>	0.9653 @ 20°C
<b>Evaporatory Rate (BuAc=1)</b>	271
<b>Vapour Pressure (mbar)</b>	52.2 mbar @ 20°C
<b>Vapour Density (air = 1)</b>	1.59
<b>Flash Point</b>	17°C
<b>Flash Point Method</b>	CC (Abel Closed Cup)
<b>Auto Ignition Temperature</b>	365°C
<b>Flammability Limit – lower%</b>	2.75
<b>Flammability Limit – higher%</b>	17

## 10. STABILITY AND REACTIVITY

<b>Stability</b>	Stable under normal conditions
<b>Materials to avoid</b>	Avoid contact with strong oxidisers.
<b>Conditions to avoid</b>	Avoid heat, flames and other sources of ignition.
<b>Hazard.Decomp.Products</b>	Irritating gases/vapours.fumes of carbon monoxide (CO)

## 11. TOXICOLOGICAL INFORMATION

<b>Toxic Dose 1 – LD50</b>	13250 mg/kg (oral rat)
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## 12. ECOLOGICAL INFORMATION

<b>Ecotoxicity</b>	No data on possible environmental effects have been found. However all components used within Heldite are readily biodegradable.
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## 13. DISPOSAL CONSIDERATIONS

<b>Disposal methods</b>	Dispose of in accordance with local authority regulations. Do not allow the product to enter drains or water courses or be deposited where it can affect ground or surface waters.
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#### 14. TRANSPORT INFORMATION

<b>Road/Sea</b>	
<b>UN Number</b>	1993
<b>Proper Shipping Name</b>	Flammable Liquids N.O.S.* (Resinous substance dissolved in Industrial Methylated Spirits)
<b>IMDG Class</b>	3
<b>Packing Group</b>	II
<b>Flash Point</b>	17°C
<b>ADR Label</b>	Flammable Liquids 3
<b>Shipping Documents</b>	Dangerous Goods Note Trem Card
<b>Marine Pollutant</b>	No
<b>Air</b>	
<b>UN Number</b>	1993
<b>Proper Shipping Name</b>	Flammable Liquids N.O.S.* (Resinous substance dissolved in Industrial Methylated Spirits)
<b>IMDG Class</b>	3
<b>Packing Group</b>	II
<b>Packing Instruction</b>	353
<b>Flash Point</b>	17°C
<b>ADR Label</b>	Flammable Liquids 3
<b>Shipping Documents</b>	IATA Forms Trem Card

#### 15. REGULATORY INFORMATION

<b>Hazard symbol</b>	Highly Flammable (orange/black flame symbol)
<b>Risk Phrases</b>	R11 Highly Flammable
<b>Safety Phrases</b>	S2 Keep out of reach of children S7 Keep container tightly closed S16 Keep away from sources of ignition. No Smoking S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S28 After contact with skin, wash immediately with plenty of soap and water. S51 Use only in well ventilated areas.
<b>Note</b>	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 local, national and international regulations or provisions.

#### 16. OTHER INFORMATION

<b>Other information</b>	EEC Directive 91/155/EEC (EEC Directive 1272/2008) defining the laying down and detailed arrangements for the system of information relating to dangerous preparations.
<b>Legal Disclaimer</b>	The data contained herein are furnished for information only and are believed to be reliable. However, Heldite Limited does not assume responsibility for any results obtained by persons over whose methods Heldite Limited has no control. It is the user's responsibility to determine the suitability of Heldite's products or any production methods mentioned herein for a particular purpose and to adopt such precautions as may be advisable for the protection of property and persons against any hazards that may be involved in the handling and use of any of Heldite Limited's products. In light of the foregoing, Heldite Limited specifically disclaims all warranties, express or implied, including warranties of merchantability and fitness for a particular purpose, arising from sale or use of Heldite Limited products. Heldite Limited further disclaims any liability for consequential or incidental damages of any kind, including lost profits.