



HELDITE LIMITED

Founded 1922
MANUFACTURERS OF HELDITE JOINTING COMPOUND



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SAFETY DATA SHEET

Issue 6 – October 2011

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 (CO₂) 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

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

9. PHYSICAL AND CHEMICAL PROPERTIES

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

10. STABILITY AND REACTIVITY

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

11. TOXICOLOGICAL INFORMATION

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

Ecotoxicity	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

Disposal methods	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

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

15. REGULATORY INFORMATION

Hazard symbol	Highly Flammable (orange/black flame symbol)
Risk Phrases	R11 Highly Flammable
Safety Phrases	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.
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 local, national and international regulations or provisions.

16. OTHER INFORMATION

Other information	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.
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