



HELDITE LIMITED

Founded 1922

MANUFACTURERS OF HELDITE JOINTING COMPOUND

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SAFETY DATA SHEET

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

Product Name: Heldite Jointing Compound
Application: Jointing Compound
Manufacturer: Heldite Limited
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2. HAZARDS IDENTIFICATION

Classification: (EC) No1272/2008 (CLP)
Flam. Liq. 2, H225



Label Elements in accordance with EC No 1272/2008 (CLP)

Signal Word: Danger

Hazard Statements: H225 Highly Flammable Liquid and Vapour

Precautionary Statements: P210 Keep away from heat/sparks/open flames and other ignition sources – No Smoking

P233 Keep container tightly closed

P303 If on skin wash immediately with plenty of soapy water

P370 In case of fire use alcohol resistant foam or dry powder for extinction

P501 Dispose of contents/containers by means of licensed waste disposal contractors. Empty containers may contain residue product and vapours.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous Components	CAS Number	Classification	EC No	Content
Ethanol	64-17-5	Flam. Liq. 2 – H225	200-578-6	45%
Methanol	67-56-1	Flam. Liq. 2 – H225	200-659-6	1%
Non Classified	This product has no classification under CLP			54%

4. FIRST AID MEASURES

General Information Move the exposed person to fresh air at once. Get medical attention if any discomfort continues

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.

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.

5. FIRE FIGHTING MEASURES

Extinguishing media Fire can be extinguished using Foam, Dry Chemicals, Sand, Dolomite etc.

Special Fire Fighting procedures

Avoid breathing fire vapours.

Cool containers exposed to flames with water until well after the fire is out.

Keep run-off water out of sewers and water sources. Dike for water control.

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
Remove all ignition sources. Ventilate.
- Environmental precautions** Cover all drains and sewers. Avoid spreading spilt material.
- Spill clean up methods** Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate.
Wipe spill away with absorbent material, vermiculite, dry sand and place into containers for disposal.

7. HANDLING AND STORAGE

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

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Hazardous Components	STD	TWA – 8hrs	
Ethanol	WEL	1000 ppm	1920 mg/m ³
Methanol	67-56-1	200 ppm	266 mg/m ³

WEL = Workplace Exposure Limit

- Engineering Controls** Use in well ventilated areas.
- Respiratory protection** In case of inadequate ventilation or risk of inhalation of vapours use suitable respiratory equipment with combination filter (type A2/P3)
- Eye protection** Wear approved chemical safety goggles where eye exposure is reasonably probable.
- Hand protection** Wear protective gloves made of Nitrile, Neoprene, or chemical resistant gloves for prolonged or repeated contact.
- Hygiene measures** DO NOT SMOKE, DRINK OR EAT IN WORK AREA.
Wash at the end of each work shift before eating, smoking or using the toilet.

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 or reducing agents.
- Conditions to avoid** Avoid heat, flames and other sources of ignition.
- Hazard.Decomp.Products** Decomposition can lead to the formation of irritating gases/vapours.fumes of carbon monoxide (CO), carbon dioxide (CO²)

11. TOXICOLOGICAL INFORMATION

- Toxic Dose 1 – LD50** 13250 mg/kg (oral rat)
- Health Warnings:**
- | | |
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| Inhalation: | May cause irritation to the respiratory system |
| Skin contact: | May cause irritation to skin |
| Eye contact: | Irritating to eyes |
| Ingestion: | May cause discomfort |

12. ECOLOGICAL INFORMATION

Ecotoxicity	This product is not expected to be hazardous to the environment as all components used within Heldite are readily biodegradable.
Mobility	Insoluble in water.

13. DISPOSAL CONSIDERATIONS

General Information	Do not dispose to a landfill or in water courses.
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.

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

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

Environmental Hazards	This product is not expected to be hazardous to the environment as all components used within Heldite are readily biodegradable.
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Volatile Organic Compound Levels	46% VOC
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15. REGULATORY INFORMATION

EU Regulations	CLP Regulation (EC) No 1272/2008
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16. OTHER INFORMATION

Other information	This safety data sheet is prepared in accordance with CLP Regulation (EC) No 1272/2008
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Legal Disclaimer	The above information is believed to be correct but does not purport to be all inclusive and shall be used as a guide. 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.
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