

SAFETY DATA

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION & COMPANY

Product/Material	JOINTING COMPOUND
Product Description against leakage of petrol, steam and gas joints.	Liquid Jointing Compound for sealing joints diesel, oils, hydraulic fluid, paraffin, water,
Product Specification 68 â€“ 145/1	Manufactured to Ministry of Defence specification
Trade Name	“Heldite”
Manufacturer	Heldite Limited
Address Middesex TW3 1UP	Heldite Centre, Bristow Road, Hounslow,
Name of contact	Barbara Naldrett
Telephone No	0208 577 9157
Fax No	0208 577 9057
Emergency Tel No	07810 523449

2. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient Name	Cas No.	Contents	Health
Risk			(Class) (R)
No)			
Industrial Methylated Spirit	45%	NC	
Composition Comments	The non-solvent fraction of the compound		

(Shellac & Graphite) present no hazard to health.

HAZARDS IDENTIFICATION

- Not regarded as a health hazard under current legislation.

4. FIRST AID MEASURES

Eyes
lifting the eye lids. Continue

Promptly wash eye with lots of water while

medical attention.

to rinse for at least 15 minutes and seek

Skin
water.

Wash the skin immediately with soap and

Inhalation

Move the exposed person to fresh air at once.

Keep the affected person warm and at rest.

Seek prompt medical attention.

First Aid may be required.

Ingestion

In case of accidental ingestion

SEEK MEDICAL ATTENTION

IMMEDIATELY

5. FIRE FIGHTING MEASURES

Extinguishing Media

Use water spray, foam or dry powder

Hazardous Decomposition Products Irritating gases/vapours/fumes or carbon monoxide (CO)

6. **ACCIDENTAL RELEASE MEASURES**

Spill Clean up methods Extinguish all ignition sources. Avoid sparks, flames, heat and smoking.

Wipe spill away with absorbent material. Ventilate. Observe all safety precautions.

7. **HANDLING STORAGE**

Usage Precautions Keep away from heat, sparks and open flame.

Storage Precautions Keep away from heat, sparks and open flame.
Keep in cool, dry, ventilated storage and closed containers.

8. **EXPOSURE CONTROLS AND PERSONAL PROTECTION**

Ingredient Name	Cas No	STD	LT	EXP	ST	EXP
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(8 Min) (8 Hrs)

Industrial Methylated Spirit	OES	970ppm				
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Respirators Where good natural (or mechanical exhaust) ventilation is not practical, suitable respiratory equipment must be worn.

Protective Gloves Chemical resistant gloves be required for prolonged or repeated contact.

Eye Protection Wear chemical safety goggles where eye exposure is reasonably probable.

9. **PHYSICAL AND CHEMICAL PROPERTIES**

Colour	Brown/Black Liquid
Appearance	Viscose liquid
Odou	Alcohol
Solubility Description	Miscible with water
Solubility Value (g/100g H2O/20C)	N/D
Specific Gravity (water = 1)	N/D @ 20 degrees C
Evaporatory Rate (BuAc = 1)	271
Vapour Pressure (mbar)	52.2 @ 20 degrees C
Vapour Density (air = 1)	1.59
Flash Point ©	17
Flash Point Method	CC (Abel Closed cup)
Auto Ignition Temperature ©	365
Flammability Limit “ lower %	2.75
Flammability Limit “ higher %	17

10. STABILITY AND REACTIVITY

Materials to avoid Strong oxidising agents

Hazardous Decomposition Products Irritating gases/vapours/fumes of carbon monoxide (CO)

11. TOXICOLOGICAL INFORMATION

Toxic Dose 1 - LD50 13250 mg/kg (oralrat)

12.

ECOLOGICAL INFORMATION

Degradability	No data available
Acute Fish Toxicity	No data available
Water Hazard Classification consideration	No data available.Â However see disposal

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DISPOSAL CONSIDERATION

Disposal methods requirements.	Dispose of in accordance with Local Authority
water courses, or be	Do not allow the product to enter drains or
surface waters.	disposed where it can affect ground or

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TRANSPORT INFORMATION

Road/Rail/Sea

IMDG Class	3
Packaging Group	2 (page 3230)
UN Number	1993
Classification	Flammable Liquid Nos
Flash Point	17 degrees C
Label for Conveyance	Flammable liquid (class 3) (red diamond with flame symbol)
Shipping Documents Required	Dangerous goods note

Tremcard

Marine Pollutant No

Air

Proper Shipping Name Flammable Liquid Nos (Methylated spirits)

Class 3

UN Number 1993

Packaging Group 2

Packing Instruction (passenger) 305

Packing instruction (cargo) 307

Flash Point 17 degrees C

Label for Convenience Flammable liquid (class 3)

Shipping Documents Required IATA Forms in duplicate

15. REGULATORY INFORMATION

Label for Supply Highly Flammable (orange/black with flame symbol)

Risk Phrases R-11 Highly Flammable

S-2 Keep out of reach of children

S-16 Keep away from sources of ignition. No

Smoking

S-27 In case of contact with the eyes, rinse

immediately with plenty of

water and seek medical advice.

S-53 Use only in well ventilated areas.

S-7 Keep container tightly closed.

S-28b After contact with skin, wash immediately with plenty of soap and water.

UK Regulatory References Chemical (Hazard Information & Packaging)
Regulation 1993

16. OTHER INFORMATION

User Notes - Disclaimer

The information given in this document has been compiled on the basis of the best available knowledge. It

does not imply that the information is complete or accurate in all cases. It is the user's responsibility to

satisfy himself as to the application of the information and/or recommendation given for his own particular use.

This Safety Data Sheet has been prepared in accordance with EEC Directive 91/155/EEC

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