

# MATERIAL SAFETY DATA SHEET

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

**Product Name:** JET-LOK II  
**Chemical Family:** Metal filled epoxy cement.  
**Use:** Sealant/threadlocker for tubing, casing, line pipe and other tapered threaded connections.  
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**Manufacturer/Supplier:** JET-LUBE (UK) LIMITED  
**Address:** Reform Road, Maidenhead, Berkshire, SL6 8BY, UK  
**Telephone:** 01628 631913 **Fax:** 01628

**Emergency Telephone:** 07919 488301

## 2) HAZARDS IDENTIFICATION

### Main Hazards - Health Effects

**Eyes:** May cause irritation.  
**Skin:** May irritate the skin if not immediately removed; can bond securely to skin  
**Ingestion:** May cause diarrhoea.

## 3) COMPOSITION/INFORMATION OF INGREDIENTS

Hazardous Components	CAS No	WT%	OSHA PEL	ACGHI TLV	Other
Proprietary Resins	Unknown	40 max	Not established	Not established	N/A
Amine Type Activator	Proprietary	5 max	Not established	Not established	N/A
Silica	112945-52-5	15 max	20mg/m <sup>3</sup>	5mg/m <sup>3</sup>	N/A
Zinc Dust	7440-66-6	25 max	15mg/m <sup>3</sup>	10mg/m <sup>3</sup>	N/A
Aluminium Powder	742990-5	25 max	15mg/m <sup>3</sup>	15mg/m <sup>3</sup>	N/A

## 4) FIRST AID MEASURES

**Eyes:** Flush with water until all residual material is gone. If irritation persists, seek medical help.  
**Ingestion:** Wash out mouth immediately. Consult physician.  
**Skin:** Wash thoroughly with hand cleanser, followed by soap & water. Contaminated clothing should be dry cleaned before reuse.

## 5) FIRE FIGHTING MEASURES

**Extinguishing Media:** Foam dry powder, carbon dioxide, sand, earth & water mist.  
**Unsuitable Exting. Media:** Water jet.  
**Protective Equipment for Fire-fighting:** Self-contained breathing apparatus.

## 6) ACCIDENTAL RELEASE MEASURES

**Personal Precautions:** Wear gloves & protective overalls.  
**Environmental Precautions:** Do not allow it to enter drains.  
**Spillage:** Scrape up bulk, then wipe up remainder with cloth. Residue will cure to hard film.  
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## 7) HANDLING AND STORAGE

**Handling:** No special handling precautions necessary.  
**Storage:** Do not store at elevated temperatures.

## 8) EXPOSURE CONTROL/PERSONAL PROTECTION

**Hand Protection:** Protective gloves for sensitive persons.  
**Eye Protection:** Glasses, if applied to parts in motion.  
**Body Protection:** Overalls, if handling large quantities.  
**Respiratory Protection:** None needed.

## 9) PHYSICAL AND CHEMICAL PROPERTIES

**Physical State:** Semisolid paste  
**Boiling Range/Point (°C):** Unknown  
**Flash Point (PMCC) (°C):** 221  
**Explosive Properties:** LEL: Unknown UEL: Unknown - Not explosive below flash point  
**Evaporation Rate (Butyl Acetate):** Nil  
**Vapour Pressure:** <0.01  
**Percent Volatiles:** Nil  
**Oxidising Properties:** Nil

**Colour:** Grey  
**Odour:** Mild  
**Melting Point (°C):** 288  
**Autoignition Temp (°C):** 260  
**Density (Kg/dm<sup>3</sup>):** 1.87  
**Flammability:** Not flammable at ambient temperature.  
**Solubility in Water:** Nil  
**Vapour Density:** >5

## 10) STABILITY AND REACTIVITY

**Stability:** Chemically stable under normal conditions.  
**Conditions to Avoid:** Powerful sources of ignition.  
**Materials to Avoid:** Strong inorganic & organic acids, oxidising and copper reactive agents.  
**Hazardous Decomposition Products:** Burning generates smoke, airborne soot, hydrocarbons, oxides of carbon and other noxious fumes.

## 11) TOXICOLOGICAL INFORMATION

Can be a very mild irritant on sensitive skin; otherwise no other toxicological effects have been encountered.

## 12) ECOLOGICAL INFORMATION

**Possible Effects:** Nil  
**Behaviour:** Bioaccumulation potential nil.  
**Environmental Fate:** Cures to inert hard dense mass.

## 13) DISPOSAL CONSIDERATIONS

**Product Disposal:** Do not incinerate. Contact waste disposal company or local authority for advice.  
**Container Disposal:** Consult waste disposal company or local authority for advice.  
Small quantities can be disposed of via conventional means without special precautions.

## 14) TRANSPORT INFORMATION

Not classified as hazardous for transportation.

## 15) REGULATORY INFORMATION

**Labelling Information:** None needed  
**R Phrases:** R22-harmful if swallowed.  
**S Phrases:** None applicable, as known.  
**Symbols (If Required):**

## 16) OTHER INFORMATION

**Date of Issue:** 11.6.96  
**Revision Date:** 27.1.2005  
**Revision No:** 1BR  
**Nature of Revision:** Altered to UK format.

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