

# MATERIAL SAFETY DATA SHEET

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

**Product Name:** KOVR-KOTE®  
**Chemical Family:** Petroleum based thread compound and sealant  
**Use:** Tool joint thread compound

**Manufacturer/Supplier:** JET-LUBE (UK) LIMITED  
**Address:** Reform Road, Maidenhead, Berkshire, SL6 8BY, UK  
**Telephone:** 01628 631913 **Fax:** 01628 773138  
**Emergency Telephone:** 07919 488301

## 2) HAZARDS IDENTIFICATION

### Main Hazards - Health Effects

**Eyes:** May cause irritation.  
**Skin:** May irritate the skin after prolonged periods of contact.  
**Inhalation:** Viscous nature may block breathing passages if inhaled.  
**Ingestion:** May cause diarrhoea.

## 3) COMPOSITION/INFORMATION OF INGREDIENTS

Hazardous Components	CAS No	WT%	OSHA PEL	ACGHI TLV	Other
Lubricating grease	748692-21-9	50-55	5 mg/m <sup>3</sup>		*
Graphite	7440-44-0	20-22	2 mg/m <sup>3</sup> (Dust)		
Mica	12001-26-2	16-18	6mg/m <sup>3</sup> (Dust)		
Talc	14807-96-6	8-10	2 mg/m <sup>3</sup> (Dust)		
PTFE (Teflon)	9002-84-0	3-5	-----		
Calcium carbonate	471-34-1	1-2	10 mg/m <sup>3</sup> (Dust)		

\* Base oil DMSO IP346< 3% so carcinogen warning does not apply

## 4) FIRST AID MEASURES

**Eyes:** Flush with water until all residual material is gone. If irritation persists, seek medical help.  
**Skin:** Wash thoroughly with hand cleanser, followed by soap & water. Contaminated clothing should be dry cleaned before reuse.  
**Inhalation:** Clear air passage. If respiratory difficulty continues, seek medical help.  
**Ingestion:** Wash out mouth immediately. Seek medical assistance.

## 5) FIRE FIGHTING MEASURES

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

## 6) ACCIDENTAL RELEASE MEASURES

**Personal Precautions:** Wear gloves and protective overalls.  
**Environmental Precautions:** Do not allow it to enter drains or watercourses.  
**Spillage:** Scrape up bulk, then wipe up remainder with cloth. To prevent walking hazard, pick up remaining residue with diatomaceous earth or sand. Place in sealed container.

## 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.  
**Respiratory Protection:** None needed.

## 9) PHYSICAL AND CHEMICAL PROPERTIES

**Physical State:** Semi solid **Colour:** Black **Odour:** Petroleum  
**Boiling Range/Point (°C):** 316 **Melting Point (°C):** 199 **pH:** Neutral  
**Flash Point (PMCC) (°C):** 232 **Autoignition Temp (°C):**  
**Explosive Properties:** LEL: 0.9% UEL: 7% **Evaporation Rate (Butyl Acetate):** <0.01  
**Partition Coefficient (Log Pow):** N/A **Vapour Pressure:** N/A **Density (Kg/dm<sup>3</sup>):** 1.23  
**Percent Volatiles:** Nil **Flammability:** Not flammable at ambient temperature.  
**Oxidising Properties:** None **Solubility in Water:** Nil **Vapour Density:** >5 **OAR Group:** N/A

## 10) STABILITY AND REACTIVITY

**Stability:** Chemically stable under normal conditions. No photoreactive agents.  
**Conditions to Avoid:** Powerful sources of ignition and extreme temperatures.  
**Materials to Avoid:** Strong inorganic & organic acids oxidising agents.  
**Hazardous Decomposition Products:** Burning generates smoke, airborne soot, hydrocarbons oxides of carbon, sulphur, and nitrogen. Residue comprised of soot and mineral oxides.

## 11) TOXICOLOGICAL INFORMATION

**Acute Toxicity:** Not known. **Irritancy-Skin:** Very mild. **Allergens:** None known.  
**Skin Sensitisation:** Not known. **Subacute/Sub-chronic Toxicity:** Not known.  
**Chronic Toxicity:** None known. **Genotoxicity:** None known. **EC Class. (67/548/EEC):** No.  
**Carcinogen:** NTP: No. IARC: No. OSHA: No. **California Prop 65:** Not applicable  
**LC-50:** >2000mg/l (extrapolated from component data) **LD-50:** Not applicable.

## 12) ECOLOGICAL INFORMATION

**Possible Effects:** In extreme cases, may generate oil fractions that could acts as a marine pollutant. Potential of this occurrence is highly unlikely.  
**Behaviour:** Bioaccumulation potential nil.  
**Environmental Fate:** Highly unlikely to cause widespread contamination.

## 13) DISPOSAL CONSIDERATIONS

**Product Disposal:** Do not incinerate. Contact waste disposal company or local authority for advice.  
**Container Disposal:** Pail may only be disposed of via standard waste disposal services, or reused.

## 14) TRANSPORT INFORMATION

Not classified as hazardous for transport.

## 15) REGULATORY INFORMATION

**Labelling Information:** None needed.  
**R Phrases:** R22 Harmful if swallowed  
**S Phrases:** None, as known

## 16) OTHER INFORMATION

**Date of Original Issue:** April 7, 1997 **Date of this Revision:** 22<sup>nd</sup> Dec 2009  
**Revision No:** 2BR **Revised sections:** 3, composition

The information in this safety data sheet has been prepared with due care and is true and accurate to the best of our knowledge. Jet-lube UK shall not be held responsible for the suitability of this information for the user's intended purposes or the consequences of such use, and shall not be liable for any damage or loss, howsoever arising, direct or otherwise.