

MATERIAL SAFETY DATA SHEET

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

Product Name: RUN'n'SEAL / KOVR-KOTE® **Manufacturer/Supplier:** JET-LUBE (UK) LIMITED
Chemical Family: Petroleum based thread compound and sealant **Address:** Reform Road, Maidenhead, Berkshire, SL6 8BY, UK
Use: Tool joint thread compound **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	ACGIH TLV	Other
Lubricating grease	748692-21-9	50-55	5 mg/m ³		DMSO IP346< 3%
Graphite	7440-44-0	20-22	2 mg/m ³ (Dust)		
Mica	12001-26-2	16-18	6mg/m ³ (Dust)		
Talc	14807-96-6	8-10	2 mg/m ³ (Dust)		
PTFE (Teflon)	9002-84-0	3-5	-----		
Calcium carbonate	471-34-1	1-2	10 mg/m ³ (Dust)		

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 & water mist.
Unsuitable Exting. 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.

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/dm³):** 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/1 (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: Relatively well behaved. 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: Pails without liner-see Product Disposal section above. Pails with plastic liner-pail may only be disposed of via standard waste disposal services, recycled or reused. Liner-see Product Disposal section above.

14) TRANSPORT INFORMATION

Not classified as hazardous for transport.

15) REGULATORY INFORMATION

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

16) OTHER INFORMATION

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Revision No: 1BR **Revised sections:** 1(tel) 2,3 reversed