

# Material Safety Data / Fiche signalétique

**WESTCOAST DRILLING SUPPLIES LTD.**

8069 River Way, Delta, British Columbia,  
Canada V4C 1L3  
Ph. (604) 940-6050 Fax (604) 940-6080

EMERGENCY 1-800-665-6645

## SECTION I: IDENTIFICATION OF PRODUCT

PRODUCT NAME:

**KOPR KOTE**

CHEMICAL FAMILY:

Petroleum Based Thread Compound

WHMIS CLASSIFICATION:

Not regulated

WORK PLACE HAZARD:

Not available

## TRANSPORTATION OF DANGEROUS GOODS (TDGR)

CLASSIFICATION:

Non Hazardous For Transportation

PACKAGE GROUP:

Not applicable

PRODUCT IDENTIFICATION NUMBER (PIN):

Not available

## SECTION II: HAZARDOUS INGREDIENTS

INGREDIENT	PERCENTAGE	CAS NUMBER	OSHA PEL	ACGIH TLLV
Petroleum Oil	70M	64742-57-0 or 64742-62-7	Oil Mist TWA - 5 mg/m <sup>3</sup>	Not applicable
Lead Powder	15M	7439-92-1	Air - 200 ug/M <sup>3</sup>	Air - 0.15 mg/M <sup>3</sup>
Copper	10M	7440-50-8	N/A	1 mg/M <sup>3</sup>

## SECTION III: TOXICOLOGICAL PROPERTIES

ROUTE OF ENTRY: (Information not available)

☐ Skin ☐ Eye Contact ☐ Inhalation ☐ Ingestion

SKIN IRRITANCY

: Very mild

EYE CONTACT

: May cause irritation

INHALATION

: Not available

INGESTION

: May cause diarrhea

SYMPTOMS OF EXPOSURE

: Redness and irritation of skin

EFFECTS OF OVEREXPOSURE

: Repeated skin contact for persons hypersensitive to petroleum products can cause redness and irritation of skin.

MEDICAL CONDITIONS POTENTIALLY

AGGRAVATED BY EXPOSURE

: Unknown

MATERIAL LISTED AS CARCINOGEN

OR POTENTIAL CARCINOGEN

: National Toxicology Program - No. IARC - No. OSHA -No

## SECTION IV: FIRST AID MEASURES

SKIN CONTACT

: Remove by wiping, or waterless hand cleaner, followed by washing.

EYE CONTACT

: Wash with copious quantities of water.

INHALATION

: Clear air passages, call a physician.

INGESTION

: **DO NOT** induce vomiting, call a physician.

OTHER INSTRUCTIONS

: Not applicable.

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### SECTION V: PHYSICAL DATA

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APPEARANCE AND ODOUR	: Copper colored paste; petroleum odour.
DENSITY (SPECIFIC GRAVITY)	: 1.23
BOILING POINT	: 370 ° C
MELTING POINT	: Not applicable
WATER SOLUBILITY	: None
% VOLATILE BY VOLUME	: None
EVAPORATION RATE	: < 0.01 KPA
VAPOR PRESSURE (mm Hg)	: < 0.01 KPA
VAPOR DENSITY (Air = 1)	: > 5.0
pH	: Neutral
VISCOSITY	: 1.10 kg/liter

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### SECTION VI: FIRE AND EXPLOSION HAZARD DATA

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FLASH POINT	: 294° C (COC Method)
FLAMMABLE LIMIT	: LEL = 0.9% UEL = 7%
AUTO-IGNITION TEMPERATURE	: > 360° C
EXTINGUISHING MEDIA	: Use foam, dry chemical, water spray (fog), carbon dioxide CO <sub>2</sub> , or vaporizing liquid type extinguishing agents.
SPECIAL FIRE FIGHTING PROCEDURES	: Use supplied air breathing equipment for enclosed or confined spaces.
UNUSUAL FIRE AND EXPLOSION HAZARDS	: None

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### SECTION VII: REACTIVITY DATA

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STABLE [XXX] UNSTABLE [ ]	Under normal conditions
INCOMPATIBILITY (conditions to avoid)	: Strong oxidizing materials and copper reactive agents. Incompatible with 1-bromo-2 propyne, NH <sub>4</sub> NO <sub>3</sub> , ClF <sub>3</sub> , H <sub>2</sub> O <sub>2</sub> , NaN <sub>3</sub> , Na <sub>2</sub> C <sub>2</sub> , Zr
HAZARDOUS DECOMPOSITION PRODUCTS	: Hydrogen, carbon monoxide, aldehydes, smoke, toxic fumes and toxic copper and lead compounds.
HAZARDOUS POLYMERIZATION	: Will not occur [XXX] May occur [ ]

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### SECTION VIII: PREVENTATIVE MEASURES

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RESPIRATORY PROTECTION	: None required.
VENTILATION	: No special ventilation required.
PROTECTIVE GLOVES	: Protective gloves for hypersensitive persons
EYE PROTECTION	: Protective glasses if applied to moving parts.
OTHER PROTECTIVE EQUIPMENT	: Persons with hypersensitive skin should use gloves.
PERMISSIBLE CONCENTRATIONS	: Not available

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### PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE

Normal precautions as with any petroleum product.  
Wash hands before eating.  
Do not allow to enter drains.

### STEPS TO BE TAKEN IN CASE OF SPILL OR LEAK

Scoop up excess, wipe with rags, pick up residue with diatomaceous earth to avoid walking hazard.

### WASTE DISPOSAL METHOD

Consult federal, provincial/state and local regulations for petroleum products.

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### SECTION IX: PREPARATION

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The information contained herein is given in good faith, but no warranty, expressed or implied is made.

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*March 31/03*

Authorized by:

*Alan Lelouch*