

MATERIAL SAFETY DATA SHEET

Manufacturers Name: INNOVATIVE MANUFACTURING INC.
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Emergency/Information PHONE: (604) 522-2811 or Canutec: (613) 996-6666

SECTION 1: PRODUCT IDENTIFICATION.

PRODUCT NAME: SHIELDKOTE STANDARD. PRODUCT NUMBER: 3406.

WHMIS CLASSIFICATION: B3, D2b.
HMIS RATING: Health: 1 Flammability: 2
Reactivity: 0 Personal Protection: B.

SECTION 2: HAZARDOUS INGREDIENTS.

INGREDIENT: CAS. # % w/w TLV.
FUEL OIL. Proprietary 60-100 N/A
LD50: LC50:
N/A N/A

SECTION 3: PHYSICAL DATA.

PHYSICAL STATE AND APPEARANCE: Light amber liquid.
ODOUR: Hydrocarbon odour.
VAPOUR PRESSURE: Not Available.
VAPOUR DENSITY: Not Available.
EVAPORATION RATE: Slower than water.
BOILING RANGE: 280-300° C
FREEZING POINT: No data Available.
SOLUBILITY IN WATER: Insoluble.
SPECIFIC GRAVITY: 0.899
pH: Not Applicable.
VOC: 0 g/L

SECTION 4: FIRE & EXPLOSION DATA. (For solvent).

FLAMMABILITY CLASSIFICATION: Combustible liquid.

WHAT CONDITIONS: Excessive heat, open flames & all ignition
sources.

MEANS OF EXTINCTION: Dry chemical, foam, CO2. Water may not be an
effective medium to extinguish fire

FLAMMABLE LIMITS: (v/v) N/A
FLASH POINT & METHOD: 141° C (TCC).
AUTOIGNITION TEMPERATURE: No data available.
HAZARDOUS COMBUSTION PRODUCTS:
Oxides of Carbon with black smoke.

Vapours form explosive mixtures with air between upper and lower flammable limits.

SENSITIVITY TO IMPACT: None.

SENSITIVITY TO STATIC DISCHARGE:

Ground all equipment to protect from static build up.

SECTION 5: REACTIVITY DATA.

CHEMICAL STABILITY: Stable.

INCOMPATIBILITY WITH OTHER SUBSTANCES? Yes.

UNDER WHAT CONDITIONS? Strong oxidizing agents, strong Acids.

REACTIVITY AND UNDER WHAT CONDITIONS?

Excessive heat, open flames and all ignition sources.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, carbon dioxide and irritant fumes and gases including sulphur oxides, nitrogen oxides and aldehydes.

SECTION 6: TOXICOLOGICAL PROPERTIES.

SKIN CONTACT: Prolonged and repeated contact with skin may cause defatting and drying of the skin, resulting in skin irritation and dermatitis.

SKIN ABSORPTION: See above.

EYE CONTACT: This product is expected to be an eye irritant. Vapours are moderately irritating to the eyes.

INHALATION: Vapours are moderately irritating to the respiratory passages. Prolonged exposure to high vapour concentrations may cause headache, dizziness, nausea and central nervous system depression.

INGESTION: Pulmonary aspiration hazard if swallowed and vomiting occurs.

EFFECTS OF CHRONIC & ACUTE EXPOSURE: See above.

EXPOSURE LIMITS: N/A

IRRITANCY AND SENSITIZATION OF PRODUCT:

This product is expected to be an eye & skin irritant but not to be a skin sensitizer.

CARCINOGENICITY, TERATOGENICITY, REPRODUCTIVE TOXICITY, MUTAGENICITY AND SYNERGISTIC PRODUCTS:

Available data is insufficient to classify further according the WHMIS criteria.

SECTION 7: PREVENTIVE MEASURES.

PERSONAL PROTECTIVE EQUIPMENT:

GLOVES: Wear impervious gloves. (Viton, Nitrile, PVC)
EYE: Splash goggles should be worn.
RESPIRATION: NIOSH approved respirator if required.
FOOTWEAR: Impervious boots. CLOTHING: As required.
OTHER: As required.

ENGINEERING CONTROLS:

Mechanically remove emissions to below TLV.
All mechanical equipment should be explosion proof.

LEAK AND SPILL PROCEDURES:

Stop leak, remove ignition sources, and ventilate area.
Pick up spilled material with a mineral absorbent, place into disposal container & remove to outdoors.
Recycle if possible.

WASTE DISPOSAL: As per all Government regulations.

HANDLING PROCEDURES AND STORAGE REQUIREMENTS:

Store in a cool, well ventilated, area.

DOT SHIPPING DATA:

NOTE: - NOT CONTROLLED UNDER TDG CANADA FOR ROAD OR RAIL

SECTION 8: FIRST AID.

EYE CONTACT: Flush well with plenty of water for at least 5 minutes.
Remove any contact lenses to ensure thorough flushing. Contact a physician.
SKIN CONTACT: Remove contaminated clothing.
Wash contaminated skin with mild soap and water.
If irritation develops, obtain medical attention.
INGESTION: If swallowed, DO NOT induce vomiting.
Obtain medical attention immediately.
INHALATION: Remove person from further exposure and restore breathing, as required. Obtain medical attention.

SECTION 9: PREPARATION DATA.

PREPARED BY: INNOVATIVE MANUFACTURING INC.
DATE: 8 January 2014

The Information contained herein is based on data believed to be

reliable by INNOVATIVE MANUFACTURING INC. It is true and accurate to the best of our knowledge, but is not intended to be all-inclusive. Users should consider this information as a supplement to other information gathered by them and must make their own determination of suitability and completeness to assure proper safe use and disposal of these materials.