



MATERIAL SAFETY DATA SHEET

Con-Spec Industries Ltd.

9525 - 63 Avenue
Edmonton, Alberta
T6E 0G2
Bus: (780) 437-6136
Fax: (780) 437-5242

I. PRODUCT IDENTIFICATION

PRODUCT NAME: Chemical Form Release Agent

PRODUCT USE: Concrete form release for wood or steel forms

WHMIS CLASSIFICATION: Class D, Division 2, Subdivision B: Toxic Material
Class B, Division 3, Combustible Liquids

TDG SHIPPING NAME: Flammable Liquids N.O.S. (Petroleum Hydrocarbon)

TDG CLASSIFICATION: 3

PIN #: 1993

PACKING GROUP: III

EMERGENCY RESPONSE TELEPHONE NUMBER: CANUTEC (613) 996-6666

II. HAZARDOUS INGREDIENTS

PRODUCT	CAS #	WT. %	LC ₅₀	LD ₅₀
Distilled Tall Oil	8050-09-7	1-5	Not Established	
Fuel Oil No. 2	68476-34-6	80-99	>2500mg/m ³ (Rat)	>5000mg/Kg (Rat/Oral)

III. PHYSICAL DATA

ODOUR AND APPEARANCE: Light amber with petroleum odour

PHYSICAL STATE: Liquid

SPECIFIC GRAVITY: .89

pH:

BOILING POINT: 150°C - 370°C

FREEZING POINT: Not available

N/D = No Data N/A = Not Available or Not Applicable

PAGE 2 - MATERIAL SAFETY DATA SHEET

CHEMICAL FORM RELEASE AGENT

IV. FIRE OR EXPLOSION HAZARD

FLAMMABILITY: Combustible Liquid

MEANS OF EXTINCTION: Water Fog X, Foam X, CO₂___, Dry Chemical X, Other

FLASH POINT AND METHOD: >40°C PMCT ASTM D93

FLAMMABLE LIMIT:

UPPER: 6.5%

LOWER: 0.7%

V. REACTIVITY DATA

CHEMICAL STABILITY: Stable

INCOMPATIBILITY WITH OTHER SUBSTANCES:

Acid___, Base___, Oxidizers X, Water___, Other___.

CONDITIONS OF REACTIVITY: This product is stable. Hazardous polymerization will not occur.

HAZARDOUS DECOMPOSITION PRODUCTS: None

VI. TOXICOLOGICAL PROPERTIES

EFFECTS OF OVEREXPOSURE:

INGESTION: Low **toxicity**. Small amounts of this liquid drawn into the lungs from swallowing or vomiting may cause severe health effects (eg Bronchopneumonia or pulmonary edema).

INHALATION: Negligible hazard at normal temperatures (up to 38°C). High vapour concentrations are irritating to the eyes, nose, throat and lungs; may cause headaches and dizziness; may be aesthetic and may cause other central nervous system effects. Avoid breathing vapours or mists.

SKIN CONTACT AND ABSORPTION: Low toxicity, irritating.

EYE CONTACT: Slightly irritating but will not injure eye tissue.

OTHER CHRONIC EFFECTS OF OVEREXPOSURE: Lifetime skin painting tests indicate that materials or similar composition have produced skin cancer in experimental animals. The relationship of these results to humans has not been fully established.

TERATOGENICITY: N/D **MUTAGENICITY:** N/D **REPRODUCTIVE TOXICITY:** N/D

PAGE 3 - MATERIAL SAFETY DATA SHEET

CHEMICAL FORM RELEASE AGENT

VII. FIRST AID MEASURES

EMERGENCY FIRST AID MEASURES:

EYE CONTACT: Flush eyes with large amounts of water until irritation subsides. If irritation persists, get medical attention.

SKIN CONTACT: Immediately flush with large amounts of water. Use soap if available. Remove contaminated clothing, including shoes, after flushing has begun. If irritation persists, seek medical attention.

INGESTION: DO NOT induce vomiting since it is important that no amount of the material should enter the lungs (aspiration). Keep at rest. Get prompt medical attention.

INHALATION: In emergency situations use proper respiratory protection to immediately remove the affected victim from exposure. Administer artificial respiration if breathing has stopped. Keep at rest. Call for prompt medical attention.

VIII. PREVENTIVE MEASURES

RESPIRATORY: Where concentrations may exceed 100ppm or where engineering, work practices or other means of exposure reduction are not adequate, approved respirators may be necessary to prevent over exposure by inhalation.

EYE: In open systems where contact is likely, wear safety goggles.

SKIN PROTECTION: In open systems where contact is likely, wear chemical resistant overalls, and chemically impervious gloves. Where only incidental contact is likely, wear long sleeves, and chemical resistant gloves.

VENTILATION: The use of local exhaust ventilation is recommended to control emission near the source. Laboratory samples should be handled in a fumehood. Provide mechanical ventilation of confined spaces.

LEAK AND SPILL PROCEDURES: Eliminate source of ignition. Keep public away. Prevent additional discharge of material, if possible to do so without hazard. Prevent spills from entering sewers, watercourses or low areas. Contains spilled liquid with sand or earth. Do not use combustible material such as sawdust. Recover by pumping or by using a suitable absorbent.

WASTE DISPOSAL: Ensure disposal in compliance with government and local regulations.

HANDLING PROCEDURES AND EQUIPMENT: Keep containers closed. Handle and open containers with care. Store in a cool, well ventilated place away from incompatible materials. Do not handle or store near open flame, sources of heat, or sources of ignition.

IX. PREPARATION INFORMATION

PREPARED BY: Technical Service Department

DATE: December 6, 2011

TELEPHONE: (780) 437-6136