

MATERIAL SAFETY DATA SHEET

Manufacturers Name: INNOVATIVE MANUFACTURING INC.
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SECTION 1: PRODUCT IDENTIFICATION.

PRODUCT NAME: Special Primer. PRODUCT No. 7104

WHMIS CLASSIFICATION: B3, D2b
HMIS. RATING: Health: 1 Flammability: 3
Reactivity: 0 Personal Protection: B

SECTION 2: HAZARDOUS INGREDIENTS.

INGREDIENT:	CAS. No.	% w/w	TLV.
STODDARD SOLVENT.	8052-41-3	10-30	100 ppm.
	LD 50:	LC 50:	
STODDARD SOLVENT.	> 5 G/Kg. Oral, Rat.	> 5 G/M3. Rat	

SECTION 3: PHYSICAL DATA.

PHYSICAL STATE & APPEARANCE: Black liquid.
ODOUR: Slight solvent odour.
VAPOUR PRESSURE: < 0.3 KPa @ 38 deg C.
VAPOUR DENSITY: 4.9 (Air = 1).
EVAPORATION RATE: 0.11 (nButyl Acetate = 1).
BOILING RANGE: 157-200° C
FREEZING POINT: < -18° C
SOLUBILITY IN WATER: Negligible.
SPECIFIC GRAVITY: 0.92
pH: Not Applicable.

SECTION 4: FIRE AND EXPLOSION DATA.

FLAMMABILITY CLASSIFICATION: Combustible Liquid.

UNDER WHAT CONDITIONS? Excessive heat, open flames and all
ignition sources.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Vapours may travel along
ground and flash back along vapour trail may occur.

MEANS OF EXTINCTION: Dry chemical, carbon dioxide or foam.

FLAMMABLE LIMITS: (v/v) (Upper) 13% (Lower) 1%
FLASH POINT AND METHOD: 42° C (TCC).
AUTOIGNITION TEMPERATURE: No data available.

SPECIAL FIRE FIGHTING PROCEDURES: DO NOT use water on asphalt fires as it may cause a violent eruption and spread burning asphalt.

Hot material may ignite flammable mixtures (liquids) on contact. Do not enter confined fire space without adequate protective clothing and an approved positive pressure self-contained breathing apparatus.

HAZARDOUS COMBUSTION PRODUCTS: CO, CO₂, black smoke are on combustion.

SENSITIVITY TO IMPACT: Not sensitive

SENSITIVITY TO STATIC DISCHARGE:

Ground all transfer & pumping equipment to avoid static build.

SECTION 5: REACTIVITY DATA.

CHEMICAL STABILITY: Stable.

INCOMPATIBILITY WITH OTHER SUBSTANCES ? Yes.

WHICH ONES ? Strong oxidizing agents, Lewis or Mineral Acids.

REACTIVITY AND UNDER WHAT CONDITIONS ? Excessive heat, open flames and all ignition sources.

HAZARDOUS DECOMPOSITION PRODUCTS:

CO, CO₂, black smoke are formed on combustion.

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.

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

INHALATION: Vapours are moderately irritating to respiratory passages, prolonged exposure to high vapour concentration may cause headache, dizziness, nausea & central nervous system depression.

INGESTION: This liquid is toxic if taken into the lungs, causing severe chemical pneumonitis.

EFFECTS OF ACUTE AND CHRONIC EXPOSURE: See above.

EXPOSURE LIMITS: TLV 100 ppm

IRRITANCY AND SENSITIZATION OF PRODUCT: This product is expected to be a skin & eye irritant but not to be a skin sensitizer.

CARCINOGENICITY, TERATOGENICITY, REPRODUCTIVE TOXICITY, MUTAGENICITY, SYNERGISTIC PRODUCTS: Available data is insufficient to classify further according to the WHMIS criteria.

OTHER TOXICITY DATA: Exposure may occur via inhalation, ingestion or through skin contact. The International Agency for Research on Cancer (IARC) considers that data is insufficient in order to classify as to the carcinogenicity of the product. This product may contain a variety of polycyclic aromatic hydrocarbons (PAH), some of which are associated with the potential of inducing skin cancer. However, during refining, by solvent extraction or vacuum distillation the majority of PAH are removed and hence the risk of carcinogenicity is reduced. Data is insufficient to further classify according to WHMIS criteria.

SUPPLEMENTAL HEALTH INFORMATION: Prolonged or repeated contact of polycyclic aromatic hydrocarbons with skin may cause skin cancer where poor personal hygiene may be a contributing factor. Prolonged exposure to high vapour concentration can cause headache, dizziness, nausea, and central nervous system depression. Prolonged or repeated contact may cause various forms of dermatitis including folliculitis and oil acne. May be irritating to respiratory passages.

SECTION 7: PREVENTIVE MEASURES.

PERSONAL PROTECTIVE EQUIPMENT:

GLOVES: Wear impervious gloves. (Viton, nitrile, or PVC).

EYE: Wear chemical safety goggles.

RESPIRATION: If exposure exceeds TLV, wear a NIOSH approved respirator.

FOOTWEAR: Impervious safety footwear is recommended.

CLOTHING: As required. OTHER: As required.

ENGINEERING CONTROLS: Use explosion proof ventilation as required to control vapour concentrations to below the TLV.

LEAK AND SPILL PROCEDURES:

Stop leak, eliminate all sources of ignition, ventilate area.

Wear suitable protective gear.

Pick up spilled material with a mineral absorbent, place into disposal containers & remove to outdoor.

Avoid prolonged exposure to vapours.

Empty containers are hazardous as they may contain flammable/explosive liquid residue or vapours.

Keep away from sparks and open flames.

WASTE DISPOSAL: Dispose of as per all Government regulations.

HANDLING PROCEDURES AND STORAGE REQUIREMENTS:

Handle as a flammable liquid. Store in a cool, dry place.

ENVIRONMENTAL EFFECTS AND HAZARDS:

Do not allow product or runoff from fire control to enter storm or sanitary sewers. Block off drains and ditches. Regulations may require that environmental and/or other agencies be notified of a spill incident. Spill area must be restored to original condition to the satisfaction of authorities.

BIODEGRADABILITY: No data Available.

DOT SHIPPING DATA: TARS LIQUID, CLASS 3, UN 1999, PG III.

NOTE:

Not regulated when shipped in containers of less than 450 Litres.

SECTION 8: FIRST AID.

INHALATION: Remove person from further exposure and restore breathing as required. Obtain medical attention.
EYE CONTACT: Flush with water for at least 10 minutes. If irritation persists contact a physician.
SKIN CONTACT: Remove from skin with hand cleaner followed by soap & water. If irritation develops contact a physician.
INGESTION: DO NOT induce vomiting. Obtain medical attention immediately. Small amounts of this liquid if drawn into the lungs from swallowing or vomiting may have severe health effects eg. bronchopneumonia or pulmonary edema.

SECTION 9: PREPARATION DATA.

PREPARED BY: INNOVATIVE MANUFACTURING INC.
DATE: 8 JANUARY 2011

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.