

MATERIAL SAFETY DATA SHEET

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

PRODUCT NAME: SEALOX HEAVY DUTY PRODUCT NUMBER. 3204
WHMIS CLASSIFICATION: B3, D2b.
HMIS RATING: Health: 1 Flammability: 2
Reactivity: 0 Personal Protection: B

SECTION 2: HAZARDOUS INGREDIENTS.

INGREDIENT: CAS. NUMBER % w/w TLV.
STODDARD SOLVENT. 8052-41-3 25-29 100 ppm
Tert-Butyl Acetate 540-88-5 65-68 200 ppm
(TBAC)

LD 50: LC 50:
STODDARD SOLVENT > 5 g/Kg. Oral, Rat. > 5.0 g/M³, Rat.
Tert-Butyl Acetate > 4.5g/Kg, Oral, Rat. > 4.2 g/M³, Rat.

SECTION 3: PHYSICAL DATA.

PHYSICAL STATE AND APPEARANCE: Pale amber liquid.
ODOUR: Slight solvent odour.
VAPOUR PRESSURE: Not Established
VAPOUR DENSITY: Not Established
EVAPORATION RATE: < 1 (nButyl Acetate = 1).
BOILING RANGE: Not Established
FREEZING POINT: < -18° C
SOLUBILITY IN WATER: Insoluble.
SPECIFIC GRAVITY: 0.85
pH: Not applicable.
VOC: 248 g/L

SECTION 4: FIRE AND EXPLOSION DATA.

FLAMMABILITY CLASSIFICATION: Combustible Liquid.

UNDER WHAT CONDITIONS ?
Excessive heat, open flames, and all ignition sources.
Vapour forms explosive mixtures with air between upper and lower flammable limits.

MEANS OF EXTINCTION: Dry chemical, CO2, water fog or foam.

FLAMMABLE LIMITS: (For solvent) (v/v) (upper) 7 % (lower) 1.1 %
FLASH POINT AND METHOD: 4.4° C (TCC)

AUTOIGNITION TEMPERATURE: 229° C

HAZARDOUS COMBUSTION PRODUCTS: Oxides of carbon with black smoke.

SENSITIVITY TO IMPACT: Not sensitive.

SENSITIVITY TO STATIC DISCHARGE: All spraying and pumping equipment is to be grounded to avoid static build up.

SECTION 5: REACTIVITY DATA.

CHEMICAL STABILITY: Stable.

INCOMPATIBILITY WITH OTHER SUBSTANCES ? yes.

WHICH ONES ? Avoid contact with strong oxidizing agents.

REACTIVITY AND UNDER WHAT CONDITIONS ?

Excessive heat, open flames, and all ignition sources.

HAZARDOUS DECOMPOSITION PRODUCTS:

Oxides of carbon with black smoke produced upon 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.

SKIN ABSORPTION: See above.

EYE CONTACT: May 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: Ingestion may cause gastrointestinal irritation, vomiting & depression; may cause Narcosis.

Liquid is toxic when taken into the lungs causing chemical pneumonitis.

EFFECTS OF ACUTE OR CHRONIC EXPOSURE: See above.

EXPOSURE LIMITS: Stoddard solvent.

100 ppm, 525 mg/m3 (TLV/TWA) ACGIH 88/89

200 ppm, 1050 mg/m3 (STEL)

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 WHMIS criteria.

SECTION 7: PREVENTIVE MEASURES.

PERSONAL PROTECTIVE EQUIPMENT:

GLOVES: Wear impervious gloves. (Viton, nitrile, PVC).
EYES: Splash goggles should be worn.
RESPIRATOR: If exposure exceeds TLV. wear a NIOSH approved respirator.
FOOTWEAR: Safety shoes are recommended.
CLOTHING: As required. OTHER: As required.

ENGINEERING CONTROLS:

Mechanically remove emissions to below TLV. near to source.
Mechanical equipment should be explosion proof.

LEAK AND SPILL PROCEDURES:

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

WASTE DISPOSAL: As per all Government regulations.

HANDLING PROCEDURES AND STORAGE REQUIREMENTS:

Store in a cool, well-ventilated area.
Handle as a combustible liquid.

DOT SHIPPING DATA:

COATING SOLUTION, CLASS 3, UN 1139, PG II

SECTION 8: FIRST AID.

INHALATION: Remove person from further exposure and restore breathing if required. Obtain medical attention.
EYE CONTACT: Flush eyes with water for at least 15 minutes. If irritation persists, obtain medical attention.
SKIN: Wash well with plenty of soap & water. If irritation develops contact a physician.
INGESTION: If swallowed, DO NOT induce vomiting. Obtain medical attention IMMEDIATELY.

SECTION 9: PREPARATION DATA.

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

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