THIS MSDS COMPLIES WITH 29 CFR 1910.1200 (HAZARD COMMUNICATION STANDARD)
IMPORTANT: Read this MSDS before handling & disposing of this product.
Pass this information on to employees, customers, & users of this product.

SECTION 1. CHEMICAL PRODUCT & COMPANY IDENTIFICATION / HAZARD RATINGS

PRODUCT IDENTITY: CROWN TURPENTINE
COMPANY IDENTITY: PACKAGING SERVICE CO., INC.
COMPANY ADDRESS: 1904 MYKANA ROAD / P O Box 875
COMPANY CITY: PEARLAND, TX 77581
COMPANY PHONE: 1-281-480-1453
CHEMTREC PHONE: 1-800-424-9300

Hazard Ratings:
Health (NFPA): 1
Health (HMIS): 2
Flammability: 3
Reactivity: 0

SECTION 2. INGREDIENT & REGULATORY INFORMATION

All components of this product are on the TSCA list.
This material contains no known products restricted under SARA Title III, Section 313 in amounts greater or equal to 1%. 

SARA TITLE III INGREDIENTS CAS# WT. %* RNG. SECTION) RX (LBS)
Turpentine *8006-64-2 95-100 (311,312) None

SARA SECTION 311/312 HAZARDS: Acute Health, Fire

MATERIAL CAS # TWA (OSHA) TLV (ACGIH) HAP
Turpentine *8006-64-2 100 ppm 100 ppm No
This product contains no EPA hazardous Air Pollutants (HAP) in amounts > .1%.

MATERIAL CAS # REL (OSHA/ACGIH)
None Known None Known
SECTION 2. INGREDIENT & REGULATORY INFORMATION (CONTINUED)

CALIFORNIA PROPOSITION 65: This product contains no known chemicals known to the State of California to cause cancer or reproductive toxicity.

DOT SHIPPING NAME: Turpentine, 3, UN1299, PG-III
This is a Marine Pollutant when shipped by air, water or bulk.

DRUM LABEL: (FLAMMABLE LIQUID)

SECTION 3. HAZARDS IDENTIFICATION

THRESHOLD LIMIT VALUE: 100 ppm (Freshly Prepared)
CONTAINS: TURPENTINE

WARNING!
FLAMMABLE!!!
ACUTE HAZARDS

EYE & SKIN CONTACT:
Primary irritation to skin, defatting, dermatitis.
Primary irritation to eyes, redness, tearing, blurred vision.
Liquid can cause eye irritation. Wash thoroughly after handling.

INHALATION:
Anesthetic. Irritates respiratory tract. Acute overexposure can cause serious nervous system depression. Vapor harmful.

SWALLOWING:
Harmful or fatal if swallowed.
Swallowing can cause abdominal irritation, nausea, vomiting & diarrhea.

CONDITIONS AGGRAVATED:
Persons with severe skin, liver or kidney problems should avoid use.
PACKAGING SERVICE CO., INC.                                      DATE: 07/30/01

PRODUCT IDENTITY:  CROWN TURPENTINE                                PAGE 3 OF 5

SECTION 3. HAZARDS IDENTIFICATION (CONTINUED)

CHRONIC HAZARDS

CANCER, REPRODUCTIVE & OTHER CHRONIC HAZARDS:
This product has no carcinogens listed by IARC, NTP, NIOSH, OSHA or ACGIH, as of this date, greater or equal to 0.1%.

SECTION 4. FIRST AID MEASURES PROCEDURES

EYES CONTACT:
For eyes, flush with plenty of water for 15 minutes & get medical attention.

SKIN CONTACT:
In case of contact with skin immediately remove contaminated clothing. Wash thoroughly with soap & water. Wash contaminated clothing before reuse.

INHALATION:
After high vapor exposure, remove to fresh air. If breathing is difficult, give oxygen. If breathing has stopped give artificial respiration.

SWALLOWING:
If swallowed, CALL A PHYSICIAN IMMEDIATELY! Do NOT induce vomiting. Have patient lie down & keep warm. Vomiting may lead to pneumonitis, which may be fatal.

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SECTION 5. FIRE FIGHTING MEASURES

AUTO IGNITION TEMPERATURE:  237 C / 460 F (Lowest Component)
LOWER FLAMMABLE LIMIT IN AIR (% by vol):  1.0
FLASH POINT (TEST METHOD):  34 C / 94 F (TCC)
FLAMMABILITY CLASSIFICATION: Class I C
EXTINGUISHING MEDIA:
NFPA Class B extinguishers (Carbon Dioxide or foam) for Class I C liquid fires.

SPECIAL FIRE FIGHTING PROCEDURES:
Water spray may be ineffective on fire but can protect fire fighters & cool closed containers. Use fog nozzles if water is used.
Do not enter confined fire-space without full bunker gear. (Helmet with face shield, bunker coats, gloves & rubber boots).
Use NIOSH approved positive-pressure self-contained breathing apparatus.
UNUSUAL EXPLOSION AND FIRE PROCEDURES

FLAMMABLE!!

Keep container tightly closed.
Isolate from oxidizers, heat, sparks, electric equipment & open flame.
Closed containers may explode if exposed to extreme heat.
Applying to hot surfaces requires special precautions.
Empty container very hazardous! Continue all label precautions!
SECTION 6. ACCIDENTAL RELEASE MEASURES

SPILL OR LEAK PROCEDURES:
Stop spill at source. Dike area & contain. Clean up remainder with absorbent materials. Mop up & dispose of. Persons without proper protection should be kept from area until cleaned up.

WASTE DISPOSAL METHOD:
Recycle or dispose of observing local, state & Federal health, safety & pollution laws. If questions exist, contact the appropriate agencies.

SECTION 7. HANDLING AND STORAGE

HANDLING:
Isolate from oxidizers, heat, sparks, electric equipment & open flame. Use only with adequate ventilation. Avoid breathing of vapor or spray mist. Avoid prolonged or repeated contact with skin. Wear OSHA Standard goggles or face shield. Consult Safety Equipment Supplier. Wear gloves, apron & footwear impervious to this material. Wash clothing before reuse. Avoid free fall of liquid. Ground containers when transferring. Do not flame cut, saw, drill, braze, or weld. Empty container very hazardous! Continue all label precautions!

STORAGE:
Store large amounts in structures made for OSHA Class I C liquids. Keep container tightly closed & upright when not in use to prevent leakage.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE CONTROLS:
Ventilate to keep vapors of this material below 50 ppm. If over TLV, in accordance with 29 CFR 1910.134, use NIOSH approved positive-pressure self-contained breathing apparatus. Consult Safety Equipment Supplier. Use explosion-proof equipment.

VENTILATION:
LOCAL EXHAUST: Necessary
MECHANICAL (GENERAL): Acceptable
SPECIAL: None
OTHER: None

PERSONAL PROTECTIONS:
Wear OSHA Standard goggles or face shield. Consult Safety Equipment Supplier. Wear gloves, apron & footwear impervious to this material. Wash clothing before reuse.
PACKAGING SERVICE CO., INC.  DATE: 07/30/01

PRODUCT IDENTITIY: CROWN TURPENTINE

SECTION 9. PHYSICAL DATA

APPEARANCE: Liquid, Water-White
ODOR: Terpene
BOILING RANGE: 156 157 °62 C / 313 316 °34 F
GRAVITY @ 60 F: 32.7
API: 862
SPECIFIC GRAVITY (Water=1): 7.180
POUNDS/GALLON: 0.4 Vol. % / 0.0 g/L / 0.000 lbs/Gal
TOTAL VOC'S (TVOC): 100.0 Vol. % / 862.0 g/L / 7.180 lbs/Gal
NONEXEMPT VOC'S (CVOC): 100.0 Vol. % / 862.0 g/L / 7.180 lbs/Gal
HAZARDOUS AIR POLLUTANTS (HAPS): 0.0 Wt. % / 0.0 g/L / 0.000 lbs/Gal
VAPOR PRESSURE (mm of Hg) 420 °C: 1.0
NONEXEMPT VOC PARTIAL PRESSURE (mm of Hg at 20 °C): 5.0
VAPOR DENSITY (air=1): Negligible
WATER ABSORPTION: 1.472
REFRACTIVE INDEX:

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SECTION 10. REACTIVITY DATA

STABILITY:
Isolate from oxidizers, heat, sparks, electric equipment & open flame.

CONDITIONS TO AVOID:
Isolate from strong oxidizers such as permanganates, chromates & peroxides.

MATERIALS TO AVOID:
Carbon Monoxide, Carbon Dioxide from burning.

HAZARDOUS DECOMPOSITION PRODUCTS:
Will not occur.

NOTICE
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