

### MATERIAL SAFETY DATA SHEET

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

PRODUCT IDENTITY: CROWN VM&P NAPHTHA  
COMPANY IDENTITY: PACKAGING SERVICE CO., INC.  
COMPANY ADDRESS: 1904 MYKAWA ROAD  
COMPANY CITY: PEARLAND, TX 77581  
COMPANY PHONE: 1-281-485-1458  
CHEMTREC PHONE: 1-800-424-9300

VMP661

#### SECTION 2. INGREDIENT & REGULATORY INFORMATION

##### CONTAINS:

% by WT	CAS No.	INGREDIENT UNITS	VAPOR PRESSURE
100	64742-89-8	V. M. & P. Naphtha	

ACGIH TLV 300 ppm 12 mm  
OSHA PEL 300 ppm  
OSHA PEL 400 ppm STEL

VMP661

#### SECTION 3. HAZARDS IDENTIFICATION

**WARNING! FLAMMABLE!!**

##### ROUTES OF EXPOSURE:

**INHALATION** of vapor or spray mist.  
**EYE or SKIN** contact with the product, vapor or spray mist.  
**EFFECTS OF OVEREXPOSURE**  
**EYES:** Irritation.  
**SKIN:** Prolonged or repeated exposure may cause irritation.  
**INHALATION:** Irritation of the upper respiratory system.

May cause nervous system depression. Extreme overexposure may result in unconsciousness and possibly death. Prolonged overexposure to solvent ingredients in Section 2 may cause adverse effects to the liver and urinary systems.

**SIGNS AND SYMPTOMS OF OVEREXPOSURE:** Headache, dizziness, nausea, and loss of coordination are indications of excessive exposure to vapors or spray mists. Redness and itching or burning sensation may indicate eye or excessive skin exposure.

**MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:** None generally recognized.

For complete discussion of toxicology data refer to Section 11.

#### SECTION 4 -- FIRST AID MEASURES

**EYES:** Flush eyes with large amounts of water for 15 minutes. Get medical attention.

**SKIN:** Wash affected area thoroughly with soap and water. Remove contaminated clothing and launder before re-use.

**INHALATION:** If affected, remove from exposure. Restore breathing. Keep warm and quiet.

**INGESTION:** Do not induce vomiting. Get medical attention immediately.

### SECTION 5 -- FIRE FIGHTING MEASURES

<b>FLASH POINT</b>	<b>LEL</b>	<b>UEL</b>
50 F PMCC	0.9	6.0

**FLAMMABILITY CLASSIFICATION:** RED LABEL -- Flammable, Flash below 100 F (38 C)

**EXTINGUISHING MEDIA:** Carbon Dioxide, Dry Chemical, Foam

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Closed containers may explode when exposed to extreme heat. Application to hot surfaces requires special precautions. During emergency conditions overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.

**SPECIAL FIRE FIGHTING PROCEDURES:** Full protective equipment including self-contained breathing apparatus should be used. Water spray may be ineffective. If water is used, fog nozzles are preferable. Water may be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat.

### SECTION 6 -- ACCIDENTAL RELEASE MEASURES

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** Remove all sources of ignition. Ventilate the area. Remove with inert absorbent.

### SECTION 7 -- HANDLING AND STORAGE

**STORAGE CATEGORY:** DOL Storage Class IB

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:** Contents are FLAMMABLE. Keep away from heat, sparks, and open flame. During use and until all vapors are gone: Keep area ventilated - Do not smoke - Extinguish all flames, pilot lights, and heaters - Turn off stoves, electric tools and appliances, and any other sources of ignition. Consult NFPA Code. Use approved Bonding and Grounding procedures. Keep container closed when not in use. Transfer only to approved containers with complete and appropriate labeling. Do not take internally. Keep out of the reach of children.

### SECTION 8 -- EXPOSURE CONTROLS/PERSONAL PROTECTION

**PRECAUTIONS TO BE TAKEN IN USE:** Use only with adequate ventilation. Avoid contact with skin and eyes. Avoid breathing vapor and spray mist. Wash hands after using.

**VENTILATION:** Local exhaust preferable. General exhaust acceptable if the exposure to materials in Section 2 is maintained below applicable exposure limits. Refer to OSHA Standards 1910.94, 1910.107, 1910.108.

**RESPIRATORY PROTECTION:** If personal exposure cannot be controlled below applicable limits by ventilation, wear a properly fitted organic vapor/particulate respirator approved by NIOSH/MSHA for protection against materials in Section 2.

**PROTECTIVE GLOVES:** Wear gloves which are recommended by glove supplier for protection against materials in Section 2.

**EYE PROTECTION:** Wear safety spectacles with unperforated sideshields.

**OTHER PRECAUTIONS:** Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal.

### SECTION 9 -- PHYSICAL AND CHEMICAL PROPERTIES

PRODUCT WEIGHT	6.20 lb/gal 742 g/l
SPECIFIC GRAVITY	0.75
BOILING POINT	240 - 325 F /115 - 162 C
MELTING POINT	Not Available
VOLATILE VOLUME	100 %
EVAPORATION RATE	Slower than ether
VAPOR DENSITY	Heavier than air
SOLUBILITY IN WATER	N.A.

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**VOLATILE ORGANIC COMPOUNDS (VOC Theoretical - As Packaged)**  
6.20 lb/gal 742 g/l Less Water and Federally Exempt Solvents  
6.20 lb/gal 742 g/l Emitted VOC

#### SECTION 10 -- STABILITY AND REACTIVITY

**STABILITY** – Stable

**CONDITIONS TO AVOID:** None known.

**INCOMPATIBILITY:** None known.

**HAZARDOUS DECOMPOSITION PRODUCTS:** By fire: Carbon Dioxide, Carbon Monoxide

**HAZARDOUS POLYMERIZATION:** Will not occur

#### SECTION 11 -- TOXICOLOGICAL INFORMATION

**CHRONIC HEALTH HAZARDS:** No ingredient in this product is an IARC, NTP or OSHA listed carcinogen. Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage.

#### TOXICOLOGY DATA

CAS No.	Ingredient Name
64742-89-8	V. M. & P. Naphtha
LC50 RAT 4HR	Not Available
LD50 RAT	Not Available

#### SECTION 12 -- ECOLOGICAL INFORMATION

**ECOTOXICOLOGICAL INFORMATION:** No data available.

#### Section 13 -- DISPOSAL CONSIDERATIONS

**WASTE DISPOSAL METHOD:** Waste from this product may be hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Waste must be tested for ignitability to determine the applicable EPA hazardous waste numbers.

Incinerate in approved facility. Do not incinerate closed container. Dispose of in accordance with Federal, State/Provincial, and Local regulations regarding pollution.

#### SECTION 14 -- TRANSPORT INFORMATION

US Ground (DOT)

1 Gallon and Less may be Classed as CONSUMER COMMODITY, ORM-D

Larger Containers are Regulated as:

UN1263, PAINT RELATED MATERIAL, 3, PG II, (ERG#128)

Bulk Containers may be Shipped as:

UN1263, PAINT RELATED MATERIAL, 3, PG II, (ERG#128)

Canada (TDG)

UN1263, PAINT RELATED MATERIAL, CLASS 3, PG II, (ERG#128)

IMO

UN1263, PAINT RELATED MATERIAL, CLASS 3, PG II, (10 C c.c.), EmS F-E, S-E

#### SECTION 15 -- REGULATORY INFORMATION

SARA 313 (40 CFR 372.65C) SUPPLIER NOTIFICATION

CAS No.	CHEMICAL/COMPOUND	% by WT	% Element
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No ingredients in this product are subject to SARA 313 (40 CFR 372.65C)

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**CALIFORNIA PROPOSITION 65: WARNING:** This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

**TSCA CERTIFICATION:** All chemicals in this product are listed, or are exempt from listing, on the TSCA Inventory.

#### **SECTION 16. OTHER INFORMATION**

HAZARD RATINGS:  
HEALTH (NFPA): 1  
HEALTH (HMIS): 1  
FLAMMABILITY: 3  
REACTIVITY: 0

This information is intended solely for the use of individuals trained in the NFPA & HMIS hazard rating systems.

**EMPLOYEE TRAINING:** Employees should be made aware of all hazards of this material (as stated in this MSDS) before handling it.

**NOTICE:** The supplier disclaims all expressed or implied warranties of merchantability or fitness for a specific use, with respect to the product or the information provided herein, except for conformation to contracted specifications. All information appearing herein is based upon data obtained from manufacturers and/or recognized technical sources. While the information is believed to be accurate, we make no representations as to its accuracy or sufficiency. Conditions of use are beyond our control, and therefore users are responsible for verifying the data under their own operating conditions to determine whether the product is suitable for their particular purposes and they assume all risks of their use, handling, and disposal of the product. Users also assume all risks in regards to the publication or use of, or reliance upon, information contained herein. This information relates only to the product designated herein, and does not relate to its use in combination with any other material or process.