



0000092  
ILRC# 0000092  
E-Z VM&P Naphtha

Southern Coatings  
P.O. Box 160  
DOT EMERGENCY CHEMTEL (800)255-3924 (24hrs)  
INFORMATION PHONE NO. 803-773-6351 (M-F 8am-5pm ET)  
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H. M. I. S.  
HEALTH 2\*  
REACTIVITY 0  
These ratings should be used only  
as part of fully implemented  
H. M. I. S. Program.

NRO. DE TELEFONO DE EMERGENCIA 716-873-6000 (M-F 8am-5pm ET)

# MATERIAL SAFETY DATA SHEET

## SECTION I

PRODUCT CLASS NAPHTHA (VM&P)  
TRADE NAME VM-14  
MANUFACTURER CODE I.D. 4M-039-1

DATE OF PREPARATION 3/03/95

## SECTION II - HAZARDOUS INGREDIENTS

| INGREDIENT            | CAS NO.        | ALLOWABLE EXPOSURE LEVEL | SARA |         | VP |
|-----------------------|----------------|--------------------------|------|---------|----|
|                       |                |                          | 313  | HH H9 9 |    |
| ALIPHATIC HYDROCARBON | 64742-89-8 MFR | PPM 400                  |      |         | 12 |

SKIN = SKIN ABSORPTION MUST BE CONSIDERED AS A ROUTE OF EXPOSURE  
 C-CEILING = ALLOW. EXPOSURE LEVEL SHOULD NOT BE EXCEEDED FOR ANY TIME PERIOD  
 MFR = MANUFACTURER RECOMMENDED EXPOSURE LIMIT  
 ST = SHORT TERM EXPOSURE LIMIT  
 X- A 313 = CHEMICAL IS SUBJECT TO REPORTING REQUIREMENTS OF SECTION 313 OF TITLE III OF S. A. R. A. 40 CFR PART 372

## SECTION III - HEALTH INFORMATION

### EFFECTS OF SHORT TERM OVEREXPOSURE

- SWALLOWING**  
Can cause gastrointestinal irritation, nausea, and vomiting. Aspiration of material into lung may cause chemical pneumonitis which can be fatal.
- INHALATION**  
May cause nose or throat irritation. High concentrations may cause acute central nervous system depression characterized by headaches, dizziness, nausea and confusion.
- EYE**  
May cause eye irritation.
- SKIN**  
May cause defatting and irritation of the skin.

### EFFECTS OF REPEATED OVEREXPOSURE

Reports have associated prolonged and repeated occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

### SIGNIFICANT LABORATORY DATA WITH POSSIBLE RELEVANCE TO HUMAN HEALTH.

None currently known

## SECTION IV - FIRST AID AND EMERGENCY PROCEDURES

- SWALLOWING**  
If swallowed do not induce vomiting. Call poison control center, hospital emergency room or physician immediately.
- INHALATION**  
Remove to fresh air immediately. If breathing has stopped, give artificial respiration.

**SECTION IV - FIRST AID AND EMERGENCY PROCEDURES; (CONTINUED)**

**RESPIRATION**  
Respiratory protection. Keep warm and quiet. Get medical attention immediately.

**EYE**  
Flush with large amounts of water, lifting upper and lower lids occasionally. Continue for at least 15 minutes. Get medical attention.

**SKIN**  
None should be needed.

**NOTES TO PHYSICIAN**  
Any treatment that might be required for overexposure should be directed at the control of symptoms and the clinical conditions.

**SECTION V - PHYSICAL DATA**

**BOILING RANGE** 240 DEG. F. ( 116 DEG. C. ) TO 285 DEG. F. ( 141 DEG. C. )

**VAPOR DENSITY** % VOLATILE BY VOLUME 100  
Heavier than air.

**EVAPORATION RATE** VOC 6.15 LB/GAL LESS WATER & NPRSX 738 G/L LESS WATER CALCULATED  
Slower than diethyl ether.

**WGT LB/GAL** 6.3 **VOC** .00 **LB/GAL SOLIDS** 0 **G/L SOLIDS** CALCULATED

**SPECIFIC GRAVITY** 0.8

All Physical data determined at 68 DEG. F. (20 DEG. C.) 760 mm Hg  
\* Negligibly Photochemically Reactive Materials

**SECTION VI - FIRE AND EXPLOSION DATA**

**NFPA FLAMMABILITY CLASSIFICATION** FLAMMABLE LIQUID - CLASS IB

**FLASHPOINT** 45 DEG. F. ( 7 DEG. C. ) CALCULATED

**EXTINGUISHING MEDIA**  
Use NFPA Class B Fire extinguishers (carbon dioxide, all purpose dry chemical or alcohol foam) designed to extinguish flammable liquid fires. Polymer foam is preferred for large fires.

**UNUSUAL FIRE AND EXPLOSION HAZARDS**  
During emergency conditions, overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.

**WARNING: FLAMMABLE.**

**SPECIAL FIRE FIGHTING PROCEDURES**  
Water may be ineffective, but may be used to cool exposed containers to prevent pressure build-up and possible auto-ignition or explosion when exposed to extreme heat. If water is used, fog nozzles are preferable.

**SECTION VII - REACTIVITY DATA**

**STABILITY**  
Normally stable.

**CONDITIONS TO AVOID**  
Avoid excessive heat (>115 F (46 C) and sources of ignition.

**COMPATIBILITY (MATERIALS TO AVOID)**  
Strong acids or alkaline materials.

**HAZARDOUS DECOMPOSITION PRODUCTS**  
Burning, including when heated by welding or cutting, will produce smoke, carbon monoxide and carbon dioxide.

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### SECTION VIII - REACTIVITY DATA (CONTINUED)

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#### HAZARDOUS POLYMERIZATION

Will not occur

#### CONDITIONS TO AVOID

None known

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### SECTION VIII - ENVIRONMENTAL INFORMATION

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#### STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED

Keep spectators away. Eliminate all ignition sources (flames, hot surfaces, and sources of electrical, static or frictional sparks). Dike and contain spill with inert material (e.g. sand, earth). Transfer liquids to covered metal containers for recovery or disposal, or remove with inert absorbent. Use only non-sparking tools. Place absorbent diking materials in covered metal containers for disposal. Prevent contamination of sewers, streams, and groundwater with spilled material or used absorbent.

#### WASTE DISPOSAL

Dispose in accordance with federal, state and local regulations.

#### RCRA CLASSIFICATION

This product, if discarded directly, would be classified a hazardous waste based on its ignitability characteristic, i.e. has a flash point of 140 deg. F. (60 deg. C) or less. The proper RCRA classification would be D001.

#### ENVIRONMENTAL HAZARDS

None known

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### SECTION IX - PERSONAL PROTECTION INFORMATION

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#### RESPIRATORY PROTECTION

Proper selection of respiratory protection depends upon many factors including duration/level of exposure and conditions of use. In general exposure to organic chemicals such as those contained in this product may not require the use of respiratory protection if used in well ventilated areas. In restricted ventilation areas a NIOSH approved chemical cartridge respirator may be required. Under certain conditions, such as spraying, a mechanical prefilter may also be required. In confined areas use a NIOSH/MSHA approved air supplied respirator. If the TLV's listed in Section II are exceeded use a properly fitted NIOSH/MSHA approved respirator with an appropriate protection factor. Refer to OSHA 29 CFR 1910.134 "Respiratory Protection", and "Respiratory Protection A Manual And Guideline, American Industrial Hygiene Assoc."

#### VENTILATION

Provide local exhaust ventilation in sufficient volume and pattern so as maintain exposures below nuisance dust limits and permissible exposure limits which may be listed in Section II. Refer to Industrial Ventilation A Manual for Recommended Practice - American Conference Of Governmental Industrial Hygienists.

#### HAND PROTECTION

Solvent impermeable gloves are required for repeated or prolonged contact.

#### EYE PROTECTION

Wear safety spectacles.

#### OTHER PROTECTIVE EQUIPMENT

Not likely to be needed.

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### SECTION X - SPECIAL PRECAUTIONS

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#### PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE

Do not store above 115 deg. F (46 deg. C) store large quantities in compliance with OSHA 29CFR1910.106.

#### OTHER PRECAUTIONS

Do not take internally. Close container after each use.

**SECTION X - SPECIAL PRECAUTIONS; (CONTINUED)**

**OTHER PRECAUTIONS**

Empty containers must not be washed and re-used for any purpose.  
Containers should be grounded and bonded to the receiving container.  
Do not weld, braze or cut on empty container.  
Never use pressure to empty. Drum is not a pressure vessel.

**SECTION XI - OTHER INFORMATION**

**US DOT HAZARDOUS MATERIAL INFORMATION**

PROPER SHIPPING NAME: NAPHTHA  
HAZARD CLASS: FLAMMABLE LIQUID  
ID NUMBER: UN 1256  
PACKAGING GROUP: II

THE INFORMATION CONTAINED HEREIN IS BASED ON DATA CONSIDERED TO BE ACCURATE. WHILE THE INFORMATION IS BELIEVED TO BE RELIABLE, NO WARRANTY IS EXPRESSED OR IMPLIED REGARDING THE ACCURACY OF THIS DATA OR THE RESULTS TO BE OBTAINED FROM THE USE THEREOF. SINCE THE USE OF THIS INFORMATION AND THE CONDITIONS AND USE OF THIS PRODUCT ARE CONTROLLED BY THE USER, IT IS THE USER'S OBLIGATION TO DETERMINE THE CONDITIONS OF SAFE USE OF THE PRODUCT.

The Corporate Safety and Environmental Affairs Department is responsible for the preparation of this Material Safety Data Sheet.

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