PNT273

MATERIAL SAFETY DATA SHEET CM 0178

PRODUCT NAME: TRAFFIC LINE FINISH HMIS CODES: H F R P
PRODUCT CODE: 8002,8004 2* 3 0
(OIL)

SECTION I - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: MILLER PAINT CO., INC.
ADDRESS: 12730 N.E. Whitaker Way, Portland, OR 97230
EMERGENCY PHONE: 1-800-424-9300 INFORMATION PHONE: (503) 255-0190
DATE REVISED : 03-25-91 NAME OF PREPARER : Buckinger/Serra

SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION

HAZARDOUS COMPONENTS	CAS NUMBER	OCCUPATIONAL EXPOSURE LIMITS OSHA TWA	ACGIH TWA	OSHA STEL	VAPOR PRESSURE mm Hg @ TEMP		WEIGHT PERCENT
*Lead	7439-92-1	0.05 mg/m3	0.15 mg/m3	NONE	N/A		2-5.
*Chromium (VI) compounds (as Cr)	7440-47-3	1 mg/m3	0.05 mg/m3	NONE	N/A		0.46-1.12
Mineral Thinner (comparable to Stoddard Solvent)	64741-41-9	100 ppm	100 ppm	none	5.0	77F	5
VM&P Naptha	8032-32-4	300 ppm	300 ppm	225 ppm	26.0	77F	15
*Isopropyl Alcohol	67-63-0	400 ppm	400 ppm	500 ppm	33.0	68F	2
*Xylene	1330-20-7	100 ppm	100 ppm	150 ppm	6.0	68F	2

*Indicates toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372.

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE: 181 to 335 Deg F SPECIFIC GRAVITY (H2O=1): 1.5
VAPOR DENSITY: HEAVIER THAN AIR EVAPORATION RATE: SLOWER THAN ETHER
SOLUBILITY IN WATER: N/A
APPEARANCE AND ODOR: N/A

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 58. Deg F METHOD USED: SETA
FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 1.0% UPPER: 12.7%

EXTINGUISHING MEDIA: FOAM, ALCOHOL FOAM, CO2, DRY CHEMICAL

SPECIAL FIREFIGHTING PROCEDURES
Keep people away. Do not enter confined fire space without proper protective equipment including a NIOSH approved self-contained breathing apparatus. Cool closed containers with water. Avoid spreading burning liquid with water.

UNUSUAL FIRE AND EXPLOSION HAZARDS
Closed containers may explode when exposed to heat. Isolate from heat, sparks and electrical equip. Application to hot surfaces requires special precautions. Solvent vapors can travel to an ignition source and flash. Mists may be combustible at temp. below normal flash point.

SECTION V - REACTIVITY DATA

STABILITY: STABLE

CONDITIONS TO AVOID
Oxidizing materials, high temperatures or extreme heat.

INCOMPATIBILITY (MATERIALS TO AVOID)
May react with oxidizing materials. Avoid hot surfaces, sparks and open flame.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS
Oxides of carbon, possible low molecular weight hydrocarbons, hydrogen cyanide, toluene diisocyanate or acrolein gas.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

SECTION VI - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE
Excessive inhalation of vapors or spray mists can cause nasal and respiratory irritation, dizziness, incoordination, dizziness, weakness, fatigue, nausea & headache. High concentrations may result in central nervous system depression.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE
Skin: Prolonged or repeated exposure can cause moderate irritation, defatting and dermatitis.
Eyes: Severe irritation, redness, tearing and blurred vision.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE
May cause irritation, drying or defatting of the skin.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE
Can cause gastrointestinal irritation, nausea, vomiting and diarrhea. Aspiration of material into lungs can cause chemical pneumonitis which can be fatal.

HEALTH HAZARDS (ACUTE AND CHRONIC)
Chronic exposure may cause damage to the central nervous system, respiratory system, lungs, eyes, skin, gastrointestinal tract, liver, spleen and kidneys.

CARCINOGENICITY: NTP? NO IARC MONOGRAPHS? NO OSHA REGULATED? NO

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE
Any respiratory or skin condition may be aggravated.

EMERGENCY AND FIRST AID PROCEDURES
Inhalation: Remove to fresh air. Apply artificial respiration or administer oxygen if necessary. Consult a physician.
Splash (eyes): Flush immediately with large amounts of water for at least 15 minutes. Take to physician for treatment.
Splash (skin): Wash with soap and water. Remove contaminated clothing. Consult physician if irritation persists.
Ingestion: Keep person warm, quiet and get immediate medical attention. DO NOT induce vomiting because aspiration of material into the lungs can cause chemical pneumonitis which can be fatal.

======== SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE ==========

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED
Keep unnecessary people away. Clean up spills as soon as possible. Eliminate all sources of ignition. Use non-sparking tools. Ventilate area and wear proper protective equipment. Dike and contain spill with inert material (clay, sand etc).

WASTE DISPOSAL METHOD
Place in non-leaking containers, seal tightly and label properly for disposal. A fire or health hazard may still exist since absorbant materials will only absorb liquid: they will not absorb vapors. Observe all federal, state and local regulations concerning disposal of hazardous waste.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING
Keep containers closed when not in use. Store and use only in well ventilated areas. Do not store or use near heat, spark, open flame or oxidizers. Avoid breathing vapors or spray mist. Avoid eye or skin contact. Wash thoroughly after handling. Never transfer material to an unlabeled container.

OTHER PRECAUTIONS
Read and observe precautions on product label and this sheet. Keep out of reach of children. 'Empty' containers may be hazardous from residues of product and vapor and all cautions of this sheet apply to them. Drums of this material should be grounded and bonded when pouring.

================== SECTION VIII - CONTROL MEASURES ====================

RESPIRATORY PROTECTION
Use self-contained breathing apparatus where vapor concentration may be above Threshhold Limit Value (TLV) or for spray application. Below the TLV limits, use a NIOSH-approved vapor respirator or an air line respirator with escape bottle provisions. If exposure data is lacking, assume TLV is exceeded.

VENTILATION
Local exhaust must be sufficient to keep airborne vapor concentrations below the TLV limit. Provide adequate ventilation (with explosion proof equipment) to maintain exposure below TLV.

PROTECTIVE GLOVES
Use solvent resistant gloves to prevent contact.

EYE PROTECTION
Safety eyewear including splash guards, chemical goggles of face shields recommended (required for spray application).

OTHER PROTECTIVE CLOTHING OR EQUIPMENT
Remove contaminated clothing and allow solvent to evaporate before re-use.

WORK/HYGIENIC PRACTICES
Wash hands after handling material and before eating, drinking, smoking or using the washroom.

==================== SECTION IX - DISCLAIMER ===

DISCLAIMER
The information contained in this Material Safety Data Sheet is based on the data available to us and is correct. However, we assume no responsibility for any inaccuracies that may subsequently be proven. P all risk in his use of the material even when recommended safety procedures are followed.