

## MATERIAL SAFETY DATA SHEET

C.D. PRODUCTS, INC.                      emergency telephone #  
918 N. Union St.                      (920)-739-8685  
Appleton, WI 54911                      ISSUE DATE- 12/02/99

### SECTION I: PRODUCT IDENTIFICATION

PRODUCT NAME- N-M PAINT STRIPPER

PRODUCT #- PR-102

PRODUCT CLASS-N-METHYL PYRROLIDONE

HMIS CODE HEALTH-2, FIRE-2, REACTIVITY-0

HAZARD RATING: 0=LEAST, 1=SLIGHT, 2=MODERATE, 3=HIGH, 4=EXTREME

### SECTION II: HAZARDOUS INGREDIENTS      %      PEL      TLV

N-METHYL PYRROLIDONE                      >99

### SECTION III: PHYSICAL DATA

BOILING RANGE: 202 DEG. C

EVAPORATION RATE VS BUTYL ACETATE = 0.06

VAPOR DENSITY VS AIR: 3.4

SOLUBILITY IN WATER: miscible

APPEARANCE AND ODOR: clear liquid, slight odor

PERCENT VOLATILE BY VOLUME: 100%

SPECIFIC GRAVITY (WATER = 1): 1.027 (25/4 C)

### SECTION IV: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT ( F ): 199 C

FLAMMABLE LIMITS: 1.3% 9.5%                      AUTOIGNITION TEMP.: 518 F

EXTINGUISHING MEDIA: water spray, dry chemical, foam or carbon dioxide

HAZARDOUS DECOMPOSITION PRODUCTS: carbon dioxide, carbon monoxide, oxides of nitrogen

SPECIAL FIRE FIGHTING PROCEDURES: Wear self contained breathing apparatus, goggles and full protective clothing.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Moderate fire hazard hazard when exposed to heat or flame.

### SECTION V: HEALTH HAZARD DATA - EFFECTS OF OVER EXPOSURE

ORAL TOXICITY: RAT LD50: 4200 MG/KG

INHALATION: no evidence of toxic effects

DERMAL TOXICITY: RABBIT LD50 : 8000 MG/KG

**SKIN CONTACT:** mild irritation in the rabbit; however, human experience has demonstrated severe dermatitis, e.g. blisters, cracking, edema, redness upon prolonged or repeated contact.

**EYE CONTACT: RABBIT;** moderate irritant, no permanent damage.

**CHRONIC EFFECTS OF OVER EXPOSURE:** no specific information

#### **EMERGENCY FIRST AID PROCEDURES**

**EYE CONTACT:** flush with water for 15 minutes and seek medical attention

**SKIN CONTACT:** wash immediately with soap and water

**INGESTION:** induce vomiting, seek medical attention

**INHALATION:** remove to fresh air

#### **SECTION VI: REACTIVITY DATA**

**STABILITY:** stable

**HAZARDOUS POLYMERIZATION:** will not occur

**CONDITIONS TO AVOIDS:** strong oxidizing or reducing agents.

#### **SECTION VII: SPILL OR LEAK PROCEDURE**

**STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:** eliminate ignition sources, absorb with inert material, eg- sand, scoop up and put into disposal container. flush area with water, prevent washdowns from entering the sewers and water ways. **WASTE DISPOSAL METHOD:** Dispose of liquid waste in accordance with applicable local, state, and federal regulations.

#### **SECTION VIII: SPECIAL PROTECTION INFORMATION**

**RESPIRATORY:.** NIOSH/MSA approved respirators

should be used where ventilation is not adequate.

**VENTILATION;** use with adequate ventilation.

**PROTECTIVE GLOVES:** should be worn- impervious gloves of natural latex or neoprene

**EYE PROTECTION:** chemical splash goggles

**OTHER PROTECTIVE EQUIPMENT:** impervious clothing

#### **SECTION IX: SPECIAL PRECAUTIONS**

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:** avoid skin contact, remove and launder contaminated clothing.

**NOTE:** To the best of our knowledge, the information contained herein is accurate. However C.D. Products. Inc assumes no liability whatsoever for the accuracy or completeness of the information contained herein. The final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown health hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist.