

MATERIAL SAFETY DATA SHEET

C.D. PRODUCTS, INC.
918 N. Union St..
Appleton, WI 54911

emergency telephone #
(920)-739-8685
ISSUE DATE- 4-1-86

SECTION I: PRODUCT IDENTIFICATION

PRODUCT NAME- FORMIC ACTIVATED PAINT REMOVER

PRODUCT #- PR-401

PRODUCT CLASS- METHYLENE CHLORIDE + FORMIC ACID PAINT REMOVER

HMS CODE HEALTH-4, FIRE-0, REACTIVITY-3

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

SECTION II: Hazardous Ingredients	CAS #	%	PEL	TLV
solvent blend	75-09-2 75-56-9	54	500(1)	100(1)
methyl alcohol	67-66-1	<10	100	200(skin 2)
Formic acid	64-18-6	<25	na	5

(1) For METHYLENE chloride

(2) Skin absorption may potentially contribute to the overall exposure to this material. Appropriate measures should be taken to prevent absorption.

SECTION III: PHYSICAL DATA

BOILING RANGE: 100+F

EVAPORATION RATE VS BUTYL ACETATE: slower

VAPOR DENSITY VS AIR: heavier

SOLUBILITY IN WATER: slightly

APPEARANCE AND ODOR: thin clear liquid, with sharp acid odor

PERCENT VOLATILE BY VOLUME: <+99%

WEIGHT PER GALLON: 10.8

SECTION IV: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (F): +100F

LEL: 1%est

UEL: na

EXTINGUISHING MEDIA: foam, carbon dioxide, dry chemicals or water fog

HAZARDOUS DECOMPOSITION PRODUCTS: Exposure to high temperatures and/or open flames generate hydrogen chloride and small amounts of phosgene and chlorine.

SPECIAL FIRE FIGHTING PROCEDURES: water spray to keep containers cool, and to protect persons attempting to stop leaks. Wear self contained breathing apparatus, goggles and full face plate operation in pressure demand or other positive pressure mode and full body protective clothing (turn out gear a minimum) when fighting fires.

UNUSUAL FIRE AND EXPLOSION HAZARDS: acid reacts with most metals to release hydrogen gas which can form explosive mixtures with air. Possible generation of toxic gases in combustion products. Use water to dilute to nonflammable mixture and flush away from exposures.

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SECTION V: HEALTH HAZARD DATA - EFFECTS OF OVER EXPOSURE

INGESTION: Can cause gastrointestinal burns, nausea, vomiting and diarrhea. Can damage to mucus membranes and deep tissues is possible and may result in death on penetration of vital areas.

INHALATION: Excessive inhalation of vapors can cause nasal and respiratory irritation, dizziness, weakness, fatigue, headache possible unconsciousness and even asphyxiation and can cause damage to respiratory passages

SKIN ABSORPTION: IMMEDIATE burns

SKIN CONTACT: above

EYE CONTACT: causes severe, immediate, damage, and can result in blindness

CHRONIC EFFECTS OF OVER EXPOSURE: above

EMERGENCY FIRST AID PROCEDURES

EYE CONTACT: flush with water for 15 minutes, LIFTING UPPER AND LOWER LIDS and seek IMMEDIATE medical attention

SKIN CONTACT: wash with soap and water remove contaminated clothing. if symptoms persist and/or blisters develop seek medical attention.

INGESTION: Do not induce vomiting, this material is an aspiration hazard. seek medical attention. Dilute with large quantities of water or milk of magnesia if victim is conscious

INHALATION: remove to fresh air, administer oxygen if available and seek immediate medical attention. If person is not breathing administer artificial respiration.

SECTION VI: REACTIVITY DATA

STABILITY: stable

HAZARDOUS POLYMERIZATION: will not occur

CONDITIONS TO AVOIDS: contact with strong bases, open flames, amines.

SECTION VII: SPILL OR LEAK PROCEDURE

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: Eliminate all ignition sources. Persons not wearing protective equipment should be excluded from area of spill until clean up has been completed. Stop spill at source, and dike area so spill can not spread. For small spills this material may be let to evaporate to dryness if odors do not pose a problem. For larger spills take liquid up with sand or other absorbent material and removed in suitable containers for proper disposal.

WASTE DISPOSAL METHOD: Stripper may be allowed to evaporate to dryness into atmosphere or disposed of in a secure landfill.

SECTION VIII: SPECIAL PROTECTION INFORMATION

RESPIRATORY: use with adequate ventilation. NIOSH/MSA approved respirators

should be used where ventilation is not adequate. Niosh approved air-line respirators with auxiliary escape air tanks or mechanical ventilation provides in confined areas.

VENTILATION: local exhaust recommended when appropriate to control employee exposure.

PROTECTIVE GLOVES: Neoprene, nitrile rubber -MUST be worn

EYE PROTECTION: chemical splash goggles MUST BE WORN

OTHER PROTECTIVE EQUIPMENT: WEAR IMPERVIOUS CLOTHING AND BOOTS.

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SECTION IX: SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: avoid skin contact, Avoid breathing vapors, keep away from heat ignition sources. Caution open containers slowly to vent built up gases and pressure and **FACE AWAY FROM VENT WHEN OPENING**. Remove and launder contaminated clothing.

OTHER PRECAUTIONS: Contains methelene chloride. **CANNOT BE MADE NON POISONOUS**. Pr-401 Is a professional use product. Persons not thoroughly familiar with the use of this product and its safe handling should not attempt to use it. In case of chemical emergency call CHEMTREC: 800-424-9300. **THIS PRODUCT CAUSES IMMEDIATE SEVERE BURNS.**

SECTION VIII: SPECIAL PROTECTION INFORMATION

RESPIRATORY: use with adequate ventilation.

VENTILATION: local exhaust recommended when appropriate to control employee exposure.

PROTECTIVE GLOVES: rubber gloves should be warn- impervious

EYE PROTECTION: safety glasses

OTHER PROTECTIVE EQUIPMENT: impervious splash protection clothing. A source of wash water (hose, eye wash, etc.) should be on hand to wash off spills and splashes.

SECTION IX: SPECIAL PRECAUTIONS

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

OTHER PRECAUTIONS: SEE ABOVE

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.