

310 Wayto Road | Schenectady, NY 12303 ● TEL: 800-283-3888 | FAX: 518-357-9636
EMAIL: moreinfo@sandellmfg.com | www.diedrichtechnologies.com

505 SPECIAL COATINGS STRIPPER

1. PRODUCT DATA

Product Name: 505 Special Coatings Stripper
Producer: Diedrich Technologies, A Hohmann & Barnard Company, 310 Wayto Road, Schenectady, NY 12303
Company Contact: Ken Eglin
Telephone: 800-283-3888
24-Hour Emergency Contact: CHEMTREC 800-424-9300

This product is manufactured for Commercial/Industrial use. Not recommended for: Household use.

2. HAZARDS IDENTIFICATION

GHS Ratings:

Skin irritation: 2
Eye irritation: 2A
Carcinogenicity: 2
Inhalation: 2
Single target organ toxicity – single exposure: 3

GHS Hazards

H315 Causes Skin irritation, burns
H319 Causes serious eye irritation, burns
H335 May cause respiratory irritation
H336 May cause drowsiness or dizziness
H351 Suspected of causing cancer
H373 May cause damage to organs (central nervous system) through prolonged or repeated exposure if inhaled

GHS Precautions

P201 Obtain specific instructions before use.
P202 Do not use until safety precautions have been read and understood.
P260 Do not breathe fumes.
P264 Wash skin thoroughly after handling.
P271 Use out of doors or in well ventilated areas.
P280 Wear protective gloves/eye protection/face protection.
P362 Take off contaminated clothing and wash before reuse.
P302+P352
IF ON SKIN: Wash off with plenty of soap and water.
P304+P340
IF INHALED: Get to fresh air
P305+P351+P338
IF IN EYES: Wash with water for several minutes – get medical attention.

P403+P233

Store in a well ventilated area out of direct sunlight. Keep container closed

P501 Dispose of contents/container at an approved facility.

Warning



Hazards Not Otherwise Classified: None

3. COMPOSITION

| Chemical Name/CAS No. | % Weight | OSHA PEL | OSHA TWA |
|--------------------------|----------|----------|----------|
| 75-09-2 Dichloromethane | 70-80 | 25 ppm | 25 ppm |
| 67-56-1 Methanol | 5-15 | 200 ppm | 200 ppm |
| 111-76-2 2-Butoxyethanol | 1-10 | 50 ppm | 50 ppm |
| 141-43-5 Ethanolamine | 1-5 | 6 ppm | 3 ppm |

4. FIRST AID MEASURES

Eyes: Flush with large amounts of water, lifting upper and lower lids. Get medical attention.

Ingestion: Call Physician, poison control center, or hospital emergency room. Never give anything by Mouth to an unconscious person.

Skin: Thoroughly wash exposed area with soap & water. Remove contaminated clothing Wash contaminated clothing before reuse.

Inhalation: If affected, remove individual to fresh air. If breathing is difficult, administer respiration. Keep person warm, quiet, and get medical attention.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media: Water spray, alcohol-resistant foam, dry chemical, or carbon dioxide

Unsuitable Extinguishing Media: no data available

Fire Fighting Instructions: Self-contained breathing apparatus with a full face piece operated in pressure demand or other positive pressure mode.

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6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures: Use personal protective equipment. Avoid breathing vapors. Ensure Adequate ventilation. Evacuate personnel to safe areas.

Environmental Precautions: Prevent further leakage or spillage if safe to do so.

Methods for Containment: Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable closed containers for disposal.

7. HANDLING AND STORAGE

Handling Precautions: Avoid contact with skin and eyes. Avoid inhalation of vapors or mists.

Storage: Store in a cool, dry, well ventilated space out of direct sunlight.

8. EXPOSURE CONTROL AND PERSONAL PROTECTION

Engineering controls: Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product. Ensure that eyewash stations and safety showers are close to the workstation location.

Ventilation Control: Controlling airborne concentrations below the ACGIH TLV exposure guideline is recommended. ADGIH TWA is 50ppm. OSHA PEL is 25 ppm 8 hour TWA, and a STEL is 125 ppm. This rule also establishes an Action Level of 12.5 ppm. Use only with adequate ventilation. Local exhaust ventilation is necessary for most applications. Lethal concentrations may exist in areas with poor ventilation. Medical monitoring is also required by OSHA for applications that exceed the Action Level of 12.5ppm.

Administrative controls: No data found.

Protective Clothing: Splash goggles / Face Shield, Chemical resistant gloves, Chemical resistant apron and proper foot protections.

Eye Protection: Use safety glasses. Where contact is likely, use chemical splash goggles.

Hand Protection: Wear appropriate safety gloves

Skin & Body Protection: Avoid contact with skin and avoid breathing vapors. Do not eat, drink, or smoke in work area. Wash hands prior to eating, drinking, or using restroom. Any clothing or shoes that have been contaminated should be removed immediately and thoroughly and laundered before wearing again.

Respiratory Protection: Atmospheric levels should be maintained below the exposure guideline. If this level is exceeded, use an approved air supplied respirator. For emergency and other conditions where the exposure guideline may be greatly exceeded, use an approved positive pressure self-contained breathing apparatus.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid

Appearance: Light in color

Odor: Typical Methylene chloride odor

pH: 10-12

Boiling Point: 104 (Initial)

Density: 10 lbs./gal.

Vapor Density: 2.93 (Air = 1)

Specific Gravity: 1.190

Percent Volatile: >95.0%

VOC Emission Content: 154.7 grams/liter

Flash Point: None to boiling point

Auto-ignition Temperature: Not Determined

Flammable Limits (UEL & LEL): No data found

Weight Per Gallon: 11.2 lbs

10. STABILITY AND REACTIVITY

Reactivity: No data available

Stability: Stable under recommended storage conditions

Possibility of Hazardous Reactions: No data available

Conditions to Avoid: Heat, flame, and sparks. Exposure to sunlight.

Incompatible Materials: Alkali metals, aluminum, strong oxidizing agents, strong acids.

Hazardous Decomposition Products: Open flames and welding arcs can cause thermal decomposition with the evolution of hydrogen chloride and very small amounts of phosgene and chlorine.

11. TOXICOLOGICAL INFORMATION

Information on Toxicological Affects:

LD50 Oral – Rat >2,000 mg/kg

Respiratory or Skin Sensitization:

LC50 inhalation – rat 52,000mg/m³;

Skin irritation and eye irritation on contact

Carcinogenetic: Limited evidence of carcinogenicity in animal studies

IARC 2B: Possible carcinogenic to humans.

OSHA: OSHA specifically regulated carcinogen (dichloromethane)

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Reproductive Toxicity: no data available

Symptoms/Injuries after Inhalation: Dichloromethane is metabolized in the body producing carbon monoxide which increased and sustains carboxyhemoglobin levels in the blood, reducing oxygen-carrying capacity of the blood. Acts as a simple asphyxiant by displacing air – anesthetic affects. Difficulty in breathing, headaches, dizziness.

Symptoms/Injuries after Eye Contact: Redness , blurred vision, tears, burns on extended contact.

Symptoms/Injuries after Ingestion: Gastrointestinal irritation, central nervous system depression, abdominal pain.

12. ECOLOGICAL INFORMATION

Keep out of waterways.

13. DISPOSAL

Dispose of in accordance with local, regional, national and international regulations.

14. TRANSPORTATION INFORMATION

The following is for US DOT Highway transportation. Other modes/jurisdictions may have different classifications.

| Agency | Proper Shipping Name | UN Number | Packaging Group | Hazard Class |
|--------|----------------------------------|-----------|-----------------|--------------|
| US DOT | Corrosive Paint Related Material | UN3066 | II | 8 |

15. REGULATORY INFORMATION

Materials Listed on the United States TSCA (Toxic Substance Control Act) Inventory

16. OTHER INFORMATION

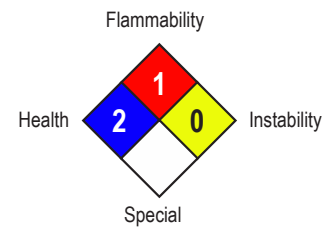
Date of Preparation: July 1st, 2016

Revision Date: March 16th, 2017

Hazardous Material Information System (HMIS)

| | |
|---------------------|-----|
| Health | 3 |
| Flammability | 1 |
| Physical Hazard | 0 |
| Personal Protection | [H] |

National Fire Protection Association (NFPA)



HMIS & NFPA Hazard Rating Legend

- * = CHRONIC HEALTH HAZARD
- 0 = INSIGNIFICANT
- 1 = SLIGHT
- 2 = MODERATE
- 3 = HIGH

LEGEND

0 = LEAST 1 = SLIGHT 2 = MODERATE 3 = HIGH 4 = EXTREME
N.D. = NOT DETERMINED N.A. = NOT AVAILABLE N/A = NOT APPLICABLE

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