

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

Date of Preparation: March 1, 2015
Product Name: 505 Special Coatings Stripper
Producer: Diedrich Technologies, A Hohmann & Barnard Company, 310 Wayto Road, Schenectady, NY 12303
Company Contact: Mike 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:

Oral Toxicity: Acute 1
Aspiration Hazard: 1
Dermal Toxicity: Acute 3
Skin Irritation: 2
Eye Irritation: 2
Inhalation Toxicity: Acute 2

GHS Hazards

H300 Fatal if swallowed
H304 Maybe fatal if swallowed and enters airways
H312 Harmful in contact with skin
H315 Causes skin irritation
H319 Causes serious eye irritation
H330 Fatal if inhaled

GHS Precautions

P260 Do not breathe dust/fume/gas/mist/vapors/spray
P264 Wash hands thoroughly after handling
P270 Do not eat, drink or smoke when using this product
P271 Use only outdoors or in a well-ventilated area
P280 Wear protective gloves/protective clothing/eye protection/face protection
P284 Wear respiratory protection
P310 Immediately call a POISON CENTER or doctor/physician
P312 Call a POISON CENTER or doctor/physician if you feel unwell
P320 Specific treatment is urgent (see section 4)
P321 Specific treatment (see section 4)

P322 Specific measures (see section 4)
P330 Rinse mouth
P331 Do NOT induce vomiting
P362 Take off contaminated clothing and wash before reuse
P363 Wash contaminated clothing before reuse
P301+P310
IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
P302+P352
IF ON SKIN: wash with plenty of soap and water
P304+P340
IF INHALED: Remove victim to fresh air and Keep at rest in a position comfortable for breathing
P332+P313
IF SKIN irritation occurs: Get medical advice/attention
P337+P313
IF eye irritation persists: Get medical advice/attention.
P305+P351+P338
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P405 Store locked up
P403+P233
Store in a well-ventilated place. Keep container tightly closed
P501 Dispose of contents/container according to local regulation

Danger



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3. COMPOSITION

Chemical Name/ CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
Methylene Chloride 75-09-2	25 ppm TWA 125 ppm STEL 12.5 ppm Action Level	50 ppm (174 mg/m ³) TWA	NIOSH: Lowest feasible concentration

Specific chemical identity and percentage content of ingredients withheld as trade secret pursuant to Massachusetts regulations. Reporting requirements of section 313 title III of the superfund amendments and reauthorization act of 1986 and 10 CFR part 373 apply.

4. FIRST AID MEASURES

Eye Contact: Immediately flush with copious amounts of water lifting both upper and lower lids to insure thorough rinsing. Seek immediate medical attention. Get medical attention if irritation persists.

Skin Contact: Wash with soap and water. Remove contaminated clothing and do not reuse until laundered. If irritation persists, seek medical attention.

Inhalation: Remove to fresh air. Give artificial respiration if not breathing. Keep victim warm and quiet, seek immediate medical attention. DO NOT GIVE STIMULANTS, epinephrine or ephedrine may affect the heart with fatal results.

Ingestion: If conscious, immediately induce vomiting by giving two glasses of water sticking a finger down the throat. Keep head below hips to prevent aspiration of liquid into lungs, administer additional water. Seek immediate medical attention.

Notes to Physician: Overexposure to many of the chlorinated solvents especially if accompanied by anoxia, may temporarily increase cardiac irritability. Maintain adequate oxygenation until recovery. Avoid sympathomimetic amines, such as epinephrine, which may precipitate arrhythmia.

5. FIRE FIGHTING MEASURES

Flammable Limits: LEL: N/A UEL: N/A

Flash Point: No flash point to boiling.

Extinguishing Media: Dry chemical, carbon dioxide, foam or water spray/fog. Avoid use of a direct water stream.

Unusual Fire or Explosion Hazards: At high temperature, methylene chloride can decompose giving off hydrogen chloride gas, phosgene, and other toxic substances and irritating vapors. Vapors can be ignited by high-energy ignition source.

Hazardous Combustion Products: See Section 10 for a list of hazardous decomposition products for this mixture.

Fire Fighting: If evacuation of personnel is necessary, evacuate to an upwind area. Decontaminate personnel and equipment with a water wash-down after fire and smoke exposure.

Fire Fighting: Fire fighters should wear complete protective clothing including NIOSH/MSHA approved breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Isolate the area and contain the spilled material. Persons not wearing the appropriate PPE should be removed from the area until the spill is cleaned up. Stop leak if you can do it without risk, stay upwind, and avoid run off to waterways and sewers.

SMALL SPILLS: Soak up with Diedrich Neutra-Soak S or other noncombustible absorbent such as clay or vermiculite and place in drums for proper disposal. Flush area with water to remove residue; dispose of flush solution in drums.

LARGE SPILLS: Evacuate area. Use proper protective equipment. Shut off source of leak only if safe to do so. Dike area to contain spill. Sweep, mop, wipe or soak up immediately. Use Diedrich Neutra-Soak S or other noncombustible absorbent such as clay or vermiculite for diking and absorption; place in drums for proper disposal. Flush area with water to remove any residue; dispose of flush solution in drums. Keep out of water supply. .

7. HANDLING AND STORAGE

Handling Precautions: Wear all appropriate Personal Protective Equipment (PPE). Wear respiratory protection or ensure adequate ventilation at all times as vapors can accumulate in confined or poorly ventilated areas. Avoid prolonged or repeated contact with skin. After this container has been emptied it may contain explosive and/or harmful vapors and residue.

Storage: Keep away from heat, sparks, and open flames. Store away from oxidizing materials.

Regulatory Requirements: No data found

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8. EXPOSURE CONTROL AND PERSONAL PROTECTION

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Methylene Chloride 75-09-2	25 ppm TWA 125 ppm STEL 12.5 ppm Action Level	50 ppm (174 mg/m ³) TWA	NIOSH: Lowest feasible concentration

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: Provide sufficient general and/or local exhaust ventilation to maintain exposure below TLV(s). Ventilation is require to control vapor concentrations below TLV. Vapors are heavier than air, exhaust at floor level.

Administrative controls: No data found.

Protective Clothing: Wear full body protective chemical resistant clothing as required to prevent skin contact. wear solvent resistant gloves, such as nitrile rubber and solvent resistant boots and hard hat.

Eye Protection: Chemical splash goggles in compliance with OSHA regulations. OSHA regulations may permit alternative safety glass, consult with your local safety supplier.

Skin Protection: In accordance with good industrial hygiene practices, precautions should be taken to avoid skin contact. Apply Diedrich recommended skin barrier cream for additional protection.

Respiratory: Below 500 ppm - none. Respiratory protection required in the absence of environmental control. For levels up to 2% or 2 hour or less, a suitable full-face mask with organic canister should be used. Above 2% and for emergencies, use a self-contained breathing apparatus. Overexposure prevention must be in compliance with 29CFR 1910.134.

Contaminated Equipment: Dispose of the waste in compliance with federal, state, regional, and local regulations.

9. PHYSICAL AND CHEMICAL PROPERTIES

Evaporation rate: 14.5

Flammability: Not Determined

Appearance: Viscous, white opaque

Odor: Ether like

Physical State: Liquid Vapor

Pressure: Not Determined

Odor threshold: Not Determined

Vapor Density: 2.9

pH: N.A.

Explosive Limits: N.A.

Partition coefficient (n-Octanol/water): N.A.

Autoignition temperature: N.A.

Decomposition temperature: N.A.

Viscosity: N.A.

Density: N.A.

Melting point: N.A.

Freezing point: N.A.

Solubility: Moderate

Boiling range: 150°-400°F (65°-204°C)

Flash point: None to boiling

10. STABILITY AND REACTIVITY

Stability: STABLE

Incompatibilities: Oxidizing or reducing agents, alkalis, water moist air, titanium, aluminum, pure oxygen, alkali metals, chromic anhydride, lead perchlorate and perchloric acids.

Hazardous Decomposition Products: Exposure to high temperatures or open flames generate hydrogen chloride and small amounts of phosgene and chloride, carbon monoxide, and other unidentified organic compounds.

11. TOXICOLOGICAL INFORMATION

Mixture Toxicity: No data found

Routes of entry: No data found.

Target Organs: Eyes, Skin, and Respiratory System

Effects of Overexposure: The following effects have been observed in laboratory animals: Brain and nervous system damage, damage to eyes, lungs, kidneys and spleen, liver abnormalities and anemia.

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12. ECOLOGICAL INFORMATION

Methylene Chloride type stripper residue must not be allowed to go into the soil because it will not evaporate out of the soil and is not biodegradable. Contain and collect wash off residue with plastic sheets or canvas tarps. Do not roll up active material, allow 24-48 hours for the methylene chloride to evaporate/dissipate. When odor is no longer evident, the residue is inactive and can be disposed of according to local regulations. Conduct a Toxicity Characteristic Leaching Procedure (TCLP) test for lead before disposal of liquid or solid waste.

RECOMMENDATIONS TO ASSIST IN MEETING DNR, EPA, OSHA RULINGS AND GUIDELINES ON POLLUTION PREPAREDNESS & CONTINGENCY PLAN (PPC):

When removing lead based paint, the lead particles must be collected, handled and disposed of as hazardous waste. There are several ways of containing and collecting these lead particles.

- Catch and collect all runoff (chemical, paint & water). Place in approved hazardous waste containers and dispose of per regulations at approved hazardous waste dump-site. Hay bales or sandbags may be used to channel, contain or collect/absorb residue.
- Collect all runoff in reservoir type containment, allow water to evaporate off, then place remaining sludge, containing paint and chemical, in approved containers and dispose of per regulations.

Label drums: CAUTION: PAINT REMOVAL RESIDUE MAY CONTAIN LEAD PAINT PARTICLES.

- Scrape off sludge containing dissolved paint and chemicals and immediately place in approved containers. Then wash surface with pressured water. Follow with neutralizer if surface is wood or clean the surface with 101 Masonry Restorer if masonry. Removed sludge must be disposed of per regulations.
- Construct a filter system at the base of the wall as shown in Diedrich Technical Brief No. 4.
- If doing paint removal near a well supplying drinking water, runoff must be diverted away to a minimum of 50 ft. from the well opening.
- Residue materials will not evaporate if collected in pails or drums.

13. DISPOSAL

Disposal Instructions: Refer to the latest federal, state, and local regulations regarding proper disposal.

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	Dichloromethane	UN1593	II	6.1

15 - REGULATORY INFORMATION

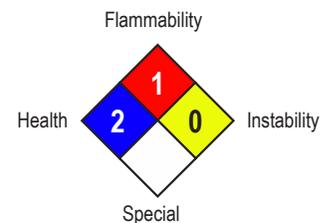
No data found

16. OTHER INFORMATION

Hazardous Material Information System (HMIS)

Health	2
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

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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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