

MEAN GREEN CYLINDERIZED ADHESIVE**HMIS: 3-0-1****NFPA: 3-0-1**

Data Sheet: 116

Prepared: 7/12/05

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This Material Safety Data Sheet complies with OSHA Hazard Communication Standard 29 CFR 1910.1200.

**VAPCO PRODUCTS DIV.
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SECTION 2: COMPOSITION / INFORMATION ON INGREDIENTS

If present, IARC, NTP, and OSHA Carcinogens are identified with an asterisk (*) in this section.

| <u>Ingredient(s)</u> | <u>Percent</u> | <u>OSHA PEL</u> | <u>ACGIH TLV</u> | <u>OSHA TWA</u> | <u>ACGIH TWA</u> |
|---|----------------|-----------------|------------------|-----------------|------------------|
| Dichloromethane CAS #: 75-09-2 | 45% -55% | 25 ppm | Not Estab. | | |
| Petroleum Gases Liquified | <5% | Not Estab. | Not Estab. | | |
| Aliphatic Naptha CAS #: 8052-41-3 Vapor Pressure (mm Hg @ 20°C): 0.3799 | <2% | | | 100 ppm | 100 ppm |

SECTION 3: HAZARDS IDENTIFICATION**Permissible Exposure Limits:** Not established for this product.**Effects of Acute Overexposure:****Eyes:** Exposure to liquid, vapor, or mist may cause severe eye irritation. Symptoms may include redness, tearing, and blurred vision.**Skin:** Prolonged or repeated contact can cause moderate irritation defatting, dermatitis.**Breathing:** Excessive inhalation of vapors can cause nasal and respiratory irritation, dizziness, weakness, fatigue, nausea, headache, possible unconsciousness, and even asphyxiation. Methylene chloride can raise the level of carbon monoxide in the blood causing cardiovascular stress.**Swallowing:** No information.**Primary Route(s) of Entry:** Skin contact, eye contact, and inhalation**SECTION 4: FIRST AID MEASURES****EYES:** Flush eyes with large amounts of water lifting upper and lower lids occasionally. Seek immediate medical attention.**SKIN:** Remove contaminated clothing immediately. Thoroughly wash exposed area with soap and water. Launder contaminated clothing before re-use. Get medical attention if irritation persists. Mineral oil, baby oil, makeup remover, mineral spirits, or other similar mild solvent may be used to remove the sticky resin residue left by the adhesive.**BREATHING:** If affected, remove individual to fresh air. If breathing is difficult, administer oxygen (if you have been trained in its use). If breathing has stopped, give artificial respiration. Keep person warm, quiet and get immediate medical attention. If possible do not leave person unattended.**SWALLOWING:** Do not induce vomiting. Give two glasses of water if conscious. Never give anything by mouth to an unconscious person. Seek immediate medical attention.

SECTION 5: FIRE FIGHTING MEASURES

Flash Point: N/A

Explosive Limit: Lower limit: 13.0% Upper limit: 25.0%

Extinguishing Media: CO₂, Dry Chemical, Foam, Water Fog.

Hazardous Decomposition Products: Vapors can ignite or decompose from extremely high intensity ignition source liberating toxic gases. Vapors are heavier than air and travel along the ground or may be moved by ventilation to locations distant from the material handling point.

Fire Fighting Procedures: Wear Self Contained Breathing Apparatus with a full face piece operated in pressure-demand or other positive pressure mode when fighting fires. Keep fire exposed containers cool with water fog.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Spills: Eliminate sources of ignition & ventilate area. Persons not properly equipped should be excluded from the area. Stop spill at source - prevent spreading. Avoid inhalation of vapors. Avoid skin contact with liquid. Soak up on absorbent material and place into proper container for disposal. Use non-sparking scoops for flammable materials. Clean walking surfaces thoroughly to reduce slipping hazard.

SECTION 7: HANDLING AND STORAGE

Handling: Do not transfer to plastic, rubber, or aluminum container.

Storage: No information, Section 8: Exposure Controls / Personal Protection

Engineering Controls: Provide sufficient mechanical ventilation (general and/or local exhaust) to maintain exposure below TLV(S).

Respiratory Protection: If work place exposure limits of product or any component is exceeded, use a NIOSH / MSHA approved respirator. Consult your safety equipment supplier for recommendations. Cartridge type respirators are not acceptable to protect against methylene chloride exposure except as emergency escape respirators. Air supplied respirators are required by OSHA when methylene chloride exposures exceed their permissible exposure limits or short term exposure limits.

Skin Protection: Wear impervious gloves if method of use involves skin contact with product. Consult your safety supply vendor for glove recommendations.

Eye Protection: Wear safety glasses at minimum, more extensive protection may be necessary depending on how the product is to be used.

Other Protective Equipment: Wear impervious clothing if bodily exposure is anticipated. Consult your safety supply vendor for recommendations.

Hygienic Practices: Wash hands before eating or smoking. Smoke in designated areas only. Remove and launder clothing if contaminated.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

| <u>Property</u> | <u>Measurement</u> | <u>Property</u> | <u>Measurement</u> |
|---------------------|--|------------------|--------------------------|
| Boiling Point | 103 °F | Specific Gravity | 1.21 |
| Vapor Pressure | N. D. | Vapor Density | Heavier than air |
| Evaporation Rate | Faster than Butyl Acetate | Appearance | Green, slight ether odor |
| Solubility In Water | Negligible | pH | N. A. |
| VOC | 17.4 VOC/liter of material (VOC theoretically determined using EPA Publication 450/3-84-019) | | |
| VOC, less water | 51.4g VOC/liter of material, less water and Exempt solvents (VOC theoretically Determined using EPA Publication 450/3-84-019.) | | |

SECTION 10: STABILITY AND REACTIVITY

Conditions to Avoid: Heat, sparks, welding arcs, and open flame.

Hazardous Polymerization: Will not occur under normal conditions.

Hazardous Decomposition Products: Carbon monoxide and carbon dioxide. Various hydrocarbons, hydrogen chloride, phosgene, chlorine.

Stability: This product is stable under normal storage conditions.

Incompatibility: Avoid contact with strong alkali, reactive metals, oxygen, nitrogen peroxide, sodium, potassium, strong oxidizers.

SECTION 11: TOXICOLOGICAL INFORMATION

No product or component toxicological information is available.

SECTION 12: ECOLOGICAL INFORMATION

No data available at this time.

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose of in accordance with all Local, State, and Federal regulations.

SECTION 14: TRANSPORTATION INFORMATION

No transportation information is available.

SECTION 15: REGULATORY INFORMATION

OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200)

CERCLA - SARA Hazard Category: This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA title III) and is considered, under applicable definitions, to meet the following categories:

SARA Section 313: This product contains the following substances subject to the reporting requirements of Section 313 if Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:

DICHLOROMETHNE

CAS # 75-09-2

TOXIC SUBSTANCES CONTROL ACT:

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(B) if exported from the United States:

U.S. State Regulations: As follows:

California Proposition 65:

Warning: The chemical (s) noted below and contained in this product, are known to the state of California to cause cancer, birth defects or other reproductive harm.

DICHLOROMETHANE CAS # 75-09-2

On January 12th OSHA published a final standard for exposure to methylene chloride. The final rule becomes effective April 10, 1997. The new action limit for methylene chloride is 12.5 ppm, The PEL is 25ppm and there is a STEL of 125ppm for a 15 minute period.

SECTION 16: OTHER INFORMATION

HMIS Rating Health: 3 Flammability: 0 Reactivity: 1

The information accumulated and reflected in this Material Safety Data Sheet is believed to be accurate but is not warranted to be, whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.