

MATERIAL SAFETY DATA SHEET

ISSUE DATE: 11/01/01

REVISE DATE: 5/06/09

Supersedes: Any Previous M.S.D.S. On This Product

EMERGENCY PHONE NUMBER: CHEM-TEL, INC. 1-800-255-3924

I. IDENTIFICATION

PRODUCT NAME: Quick-Stick Cylinder
PRODUCT CLASS: Solvent Based Aerosol Duct Liner Adhesive

DUCTMATE INDUSTRIES, INC.
1502 Industrial Drive
E. Monongahela, PA 15063

II. HAZARDOUS INGREDIENTS

<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 Established		
Petroleum Gases Liquified	<5%	Not Established	Not Established		
Aliphatic Naptha CAS #: 8052-41-3 Vapor Pressure (mm Hg@20°C): 0.3799	<2%			100 ppm	100ppm

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:

DICHLOROMETHANE CAS # 75-09-2

TOXIC SUBSTANCE 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 25 ppm and there is a STEL of 125 ppm for a 15 minute period.

III. PHYSICAL DATA

<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.)		

IV. HEALTH HAZARDS

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

V. HEALTH AND FIRST AID

IN EYES: Flush eyes with large amounts of water lifting upper and lower lids occasionally. Seek immediate medical attention.

ON 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.

VI. FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY CLASS (OSHA/NFPA): None.

FLASH POINT: N/A

EXTINGUISHING MEDIA: Carbon dioxide, foam, dry chemical, water fog

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.

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

EXPLOSIVE LIMIT: Lower limit 13.0% Upper limit 25.0%

VII. SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

SPILLS: Eliminate sources of ignition and 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.

VIII. SPECIAL 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.

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

IX. TRANSPORTATION INFORMATION

No transportation information is available.

X. REACTIVITY DATA

STABILITY: Stable under normal storage conditions.

CONDITIONS TO AVOID: Heat, sparks, welding arcs, and open flame.

INCOMPATIBILITY: Avoid contact with strong alkalies, reactive metals, oxygen, nitrogen peroxide, sodium, potassium, strong oxidizers.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon Monoxide, Carbon Dioxide. Various hydrocarbons, hydrogen chloride, phosgene, chlorine.

HAZARDOUS POLYMERIZATION: Will not occur under normal conditions.

XI. SPECIAL PRECAUTIONS

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

STORAGE: No information.

This information is taken from sources or based upon data believed to be reliable; however, DUCTMATE INDUSTRIES, INC. makes no warranty as to the absolute correctness or sufficiency of any of the foregoing or that additional or other measures may not be required under particular conditions. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist, as all materials may present unknown health hazards.