

MATERIAL SAFETY DATA SHEET

ISSUE DATE: 11/29/99

REVISE DATE: 5/02/09

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

PRODUCT CLASS: Solvent Based Aerosol Duct Liner Adhesive

DUCTMATE INDUSTRIES, INC.

1502 Industrial Drive

E. Monongahela, PA 15063

II. HAZARDOUS INGREDIENTS

REPORTING REQUIREMENTS:

Chemical And Common Name(s)	CAS#	TLV	Vapor Pressure @ 25 Deg. C	LEL	UEL	Flash Point Deg. F
Acetone	67-64-1	750 ppm	185 mmHg	2.6	12.8	-4(TCC)
Hexane	110-54-3	50 ppm	140 mmHg	1.2	7.5	<0(TCC)
Propane/Isobutane	68-476-85-7	1000 ppm	3691 mmHg	2.0	10.0	-156 Est.

Chemicals Subject to Section 313 of SARA Title III

Chemical And

Common Name(s)	CAS#	%BY WT.
Hexane	110-54-3	20-30

CALIFORNIA PROP 65 substances listed by the State of California under the "Safe Drinking Water and Toxic Enforcement Act of 1986". No such substances are present in reportable amounts for occupational exposure as per OSHA's approval of the California Hazard Communication Standard, Federal Register, page 31159 ff, 6 June 1997.

III. PHYSICAL DATA

APPEARANCE: Concentrate: Amber liquid
Propellant: Clear
Finished Package: Pressurized containers

SOLUBILITY IN WATER: Slight

REACTIVITY IN WATER: None

BOILING POINT: Concentrate Range: 132° - 159°F
Propellant: -21.6°F

SPECIFIC GRAVITY (WATER = 1): Concentrate: 0.70
Propellant: 0.54

VOLATILE BY WEIGHT: Approximately 80%

VAPOR DENSITY (AIR = 1): >1

EVAPORATION RATE (BA = 1): >1

ODOR: Concentrate: Solvent odor
Propellant: Odorless gas

IV. HEALTH HAZARDS

SIGNS AND SYMPTOMS OF EXPOSURE:

EYE CONTACT: May cause moderate eye irritation and moderate corneal injury. Vapors may irritate eyes.

SKIN CONTACT: Prolonged contact may cause irritation, defatting of skin.

INHALATION: May cause nose and throat irritation. May cause nervous system depression characterized by the following progressive steps: Headache, dizziness, nausea, staggering gait, confusion, unconsciousness. Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage.

INGESTION: If aspirated (liquid enters the lungs), it may be rapidly absorbed through the lungs and result in injury to other body systems. Gastro-intestinal distress.

IMPORTANT NOTICE: Repeated and prolonged overexposure to solvents may lead to permanent brain and nervous system damage. Eye watering, headaches, nausea, dizziness and loss of coordination are signs that solvent levels are too high. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

CHRONIC EFFECTS: This product contains N-Hexane. Overexposure to N-Hexane may cause progressive and potentially irreversible damage to the peripheral nervous system, particularly in the arms and legs.

Simultaneous exposure to the vapors of N-Hexane and Methyl Ethyl Ketone (MEK) or to N-Hexane and Methyl Isobutyl Ketone (MIBK) above the recommended workplace limits increases the risk of adverse effects from N-Hexane. Evidence in laboratory animals and humans indicates that in the presence of MEK or MIBK, the neuropathy associated with N-Hexane is produced in a shorter period of time or at lower exposure concentrations. There is no reported human evidence that these neurotoxic effects occur when exposure to these chemicals is maintained below established OSHA and ACGIH limits.

V. HEALTH AND FIRST AID

IN EYES: Flush with flowing water immediately and continuously for 15 minutes. Consult medical personnel.

ON SKIN: Wash off in flowing water or shower. Remove contaminated clothing and wash before reuse.

INGESTED: Do not induce vomiting. Call a physician immediately.

INHALATION: Remove to fresh air. If not breathing, give mouth-to-mouth. If breathing is difficult, give oxygen. Call a physician.

VI. FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY CLASS (OSHA/NFPA): None.

FLASH POINT: See Section II.

EXTINGUISHING MEDIA: Carbon dioxide, foam, dry chemical

UNUSUAL FIRE AND EXPLOSION HAZARD: Extremely flammable. Contents under pressure. Do not store or use near heat or ignition sources. Containers may burst at temperatures above 130°F.

FIRE FIGHTING PROCEDURES: Water may be used to cool closed containers to prevent pressure build-up and possible bursting when exposed to high temperatures. Firemen should wear self-contained respiratory protection.

PRODUCT OF COMBUSTION: May yield Carbon Monoxide and/or Carbon Dioxide.

VII. SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Do not store above 120°F. Avoid breathing vapors. Avoid prolonged or repeated contact with skin.

OTHER PRECAUTIONS: EXTREMELY FLAMMABLE. Do not use or store near open flames, heat, or any sources of ignition. Contents under pressure. Do not puncture or incinerate. Vapors are heavier than air and will collect in low areas.

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Small Spills: Remove ignition sources. Mop up, wipe up, or soak up immediately. Use proper protective equipment. Large Spills: Evacuate area. Remove ignition sources. Contain liquid; transfer to closed containers; keep out of water supplies. Waste Disposal Methods: Dispose in accordance with Federal, State, and Local regulations. Do not incinerate closed or empty containers.

VIII. SPECIAL PROTECTION

VENTILATION:

Local Exhaust: To keep below TLV

Mechanical (General): To keep below TLV

RESPIRATORY PROTECTION: NIOSH or Bureau of Mines approved organic vapor-type respirator is required in absence of proper environmental control.

EYE PROTECTION: Safety glasses or goggles

HAND PROTECTION: Protective solvent resistant, impervious gloves are recommended.

IX. TRANSPORTATION INFORMATION

US DOT Shipping Information: Ground transportation ORM-D
Consumer Commodity. Exempt from
Shipping paper requirement.

IATA Air Shipment: Consumer Commodity, ID 8000 Miscellaneous
Dangerous Goods, Class 9

X. REACTIVITY DATA

STABILITY: Stable under normal conditions of handling and use.

CONDITIONS TO AVOID: Avoid any ignition sources. Avoid excessive heat.

INCOMPATIBILITY (Materials to Avoid): Nitric plus Acetic Acids, Nitric plus Sulfuric Acid, Amines, strong oxidizing agents

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon Monoxide, Carbon Dioxide

HAZARDOUS POLYMERIZATION: Will not occur.

XI. SPECIAL PRECAUTIONS

HANDLING AND STORAGE: Store at temperatures between 45°F to 90°F. Do not store near flame or any source of heat. Guard against inhalation of excess vapors, ingestion, and contact with skin and eyes. Change soiled work clothes frequently. Clean hands after handling. Precautions also apply to emptied containers. Keep containers away from extreme heat and cold.

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.