

MATERIAL SAFETY DATA SHEET

JWW SERVICES INC.
217 E. JARRETTSVILLE RD.
FOREST HILL, MD 21050

PRODUCT IDENTIFICATION: TITAN DX CONTACT ADHESIVE

MSDS DATE: 04-16-09
SUPERSEDES: All Others

HMIS RATING
H: 1
F : 0
R: 0
PP: B

SCALE
4=EXTREME
3=HIGH
2=MODERATE
1=SLIGHT
0=INSIGNIFICANT

EMERGENCY PHONE: 800-535-5053
NAME OF PREPARER: J. GORDON

HAZARDOUS COMPONENT INFORMATION	EXPOSURE LIMITS		WEIGHT %
	CASE NUMBER	OSHA PEL ACGIH TLV	
VINYL ACETATE MONOMER	108-05-4	10ppm 10ppm	<0.06
WATER	7732-28-5		40.0 – 50.0 %

EMERGENCY RESPONSE INFORMATION

FIRST AID PROCEDURES

INHALATION: Remove patient to fresh air. If breathing has stopped or is labored give assisted respiration. Prevent aspiration of vomit. Turn victim's head to the side. Seek medical advice.
EYE CONTACT: Flush eyes with water for at least 15 minutes. Consult a physician if irritation persists.
SKIN CONTACT: Wash with water until clean. Remove contaminated clothing. If irritation persists, consult a physician.
INGESTION: If swallowed, call a physician immediately. Remove stomach contents by gastric suction or induce vomiting only as directed by medical personnel. Never give anything by mouth to an unconscious person.

FIRE FIGHTING INFORMATION

UNUSUAL HAZARDS: None known.
EXTINGUISHING MEDIA: The product will only burn after the water it contains is driven off. For dry adhesive use water or carbon dioxide. The wet adhesive is not flammable.
PERSONAL PROTECTIVE EQUIPMENT: Wear self-contained breathing apparatus (pressure-demand MSHA/NIOSH approved or equivalent) and full protective gear.

SPILL OR LEAK HANDLING INFORMATION

PERSONAL PROTECTION: Appropriate protective equipment must be worn when handling a spill of this material. See the **PERSONAL PROTECTION EQUIPMENT MEASURES SECTION** for recommendations. If exposed to material during clean-up operations, see **FIRST AID PROCEDURES SECTION** for actions to follow.
PROCEDURES: Keep spectators away. Contain spills immediately with inert material (e.g. sand, earth). Transfer liquids and solid diking material to separate containers for recovery or disposal. **CAUTION:** Keep spills out of municipal sewers and bodies of water.

HAZARD INFORMATION

HEALTH EFFECTS FROM OVEREXPOSURE

TARGET ORGANS: None known

PRIMARY ROUTES OF EXPOSURE: INHALATION, EYE CONTACT, SKIN CONTACT.

INHALATION: Inhalation of vapors or mist can cause headache, nausea, and irritation of the nose, throat, and lungs.

EYE CONTACT: Direct contact can cause slight irritation and redness.

SKIN CONTACT: Prolonged and repeated contact can cause slight skin irritation.

CARCINOGENECITY INFORMATION: OSHA, ACGIH, NTP, IARC, OTHER
This product contains no carcinogens in concentrations of 0.1% or greater.

FIRE AND EXPLOSIVE PROPERTIES

FLASH POINT: None

EXPLOSIVE LIMITS: **UPPER:** N/A **LOWER:** N/A

REACTIVITY INFORMATION

INSTABILITY: This material is considered stable.

HAZARDOUS DECOMPOSITION PRODUCTS: In fire conditions carbon dioxide, carbon monoxide, acetic acid, and hydrocarbon fragments are produced. Toxic cyanates may also be produced.

HAZARDOUS POLYMERIZATION: Will not occur.

INCOMPATIBILITY: Reactive metals (i.e. sodium, calcium, zinc, etc.)

ACCIDENT PREVENTION INFORMATION

PERSONAL PROTECTION MEASURES

RESPIRATORY PROTECTION: Not required under normal conditions in a well-ventilated workplace. A NIOSH approved organic vapor respirator is recommended under emergency conditions.

EYE PROTECTION: Chemical safety glasses.

SKIN PROTECTION: Rubber gloves are recommended when prolonged or repeated contact can be expected.

OTHER PROTECTION: No specific recommendations.

ACCIDENT PREVENTION INFORMATION –CONTINUED

FACILITY CONTROL MEASURES

VENTILATION: Not required under normal conditions of use, however in confined spaces local exhaust may be required to maintain levels of Vinyl Acetate Monomer below PEL and TLV.

OTHER PROTECTIVE EQUIPMENT: Facilities storing or utilizing this material should be equipped with emergency showers and eye wash stations.

STORAGE AND HANDLING INFORMATION

STORAGE CONDITIONS: Keep away from oxidizers. Avoid freezing temperatures during storage. Minimize contact with microorganisms. Do not store in iron or other reactive metal containers.

HANDLING PROCEDURES: Avoid breathing vapors. Handle in well-ventilated work place.

SUPPLEMENTAL INFORMATION

TYPICAL PHYSICAL PROPERTIES

APPEARANCE AND ODER:..... White liquid, with mild sweet odor.

SPECIFIC GRAVITY: (Water =1)..... 1.06 g/cc

VAPOR DENSITY: (Air=1).....No Data

VAPOR PRESSURE:.....17 mm Hg @ 20 C/68 F

BOILING POINT:.....100 C/212 F

SOLUBILITY IN WATER:.....Dispersible

EVAPORATION RATE (N-BUTYL ACETATE=1)..... < 1 Water

MATERIAL VOC:.....<0.01 lbs./gal. (0.1 g/l)

TOXICITY INFORMATION

ACUTE DATA: No data available.

CHRONIC DATA: No data available.

WASTE DISPOSAL

PROCEDURE: Comply with all Federal, State, and Local Regulations. For small quantities, disposal to municipal or or an industrial wastewater treatment plant is normally acceptable. Obtain approval from these authorities before disposal. The product does impart a white milky color to water, which may not be removed by a treatment facility. For large quantities, disposal through a licensed disposal facility is suggested.

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REGULATORY INFORMATION

WORKPLACE CLASSIFICATIONS

This product as supplied is non-hazardous under the OSHA Hazard Communication Standard (29CFR 1910.1200).
This product is not a “controlled product” under the Canadian Workplace Hazardous Materials Information System.

TRANSPORTATION CLASSIFICATION

U. S. DOT Hazard Class.....Not Regulated

EMERGENCY PLANNING & COMMUNITY RIGHT-TO-KNOW (SARA TITLE III)

SECTION 311/312 CATAGORIZATIONS (40CFR 370)

This product is not a hazardous chemical under 29CFR 1910.120 and therefore is not covered by Title III of SARA.

SECTION 313 INFORMATION (40CFR 372)

This product does not contain a chemical that is listed in Section 313 at or above the de minimis concentration.

CERCLA INFORMATION (40CFR 302.4)

Releases of this material to air, land, or water are not reportable to the National Response Center under the Comprehensive Environmental Response Compensation, and Liability Act (CERLA) or to state and local emergency planning committees under the Superfund Amendments and Reauthorization Act (SARA) Title III Section 304.

RCRA INFORMATION

When a decision is made to discard this material as supplied, it does not meet RCRA’s characteristic definition of ignitability, corrosivity or reactivity, and is not listed in 40CFR 261.33. The toxicity characteristic (TC) however, has not been evaluated by the Toxicity Characteristic Leaching Procedure (TCLP).

CHEMICAL CONTROL LAW STATUS

All components of this product are listed or are excluded from listing on the U. S. Toxic Substances Control (TSCA) Chemical Substances Inventory.

CALIFORNIA PROPOSITION 65

This product contains a component or components known to the state of California to cause cancer.

DISCLAIMER

Mid South Adhesives, Inc. makes no representation or warranty to the information in this Material Safety Data Sheet. The information is, however, as of the date provided, true and accurate to the best of Mid South Adhesives Inc.’s knowledge. This list of information is not intended to be all-inclusive. Actual conditions of use and handling may require consideration of information other than, or in addition to, that which is provided herein.