

Eurobond D3 T & G Adhesive

MATERIAL SAFETY DATA SHEET (EEC)

SECTION 1 - COMPANY INFORMATION

Cal-Flor Accessories
1000 Cal Oak Rd
Oroville, CA 95965
530-534-1426

SECTION 2 - PRODUCT NAME

Trade Name: Eurobond D3 T&G Adhesive
Product Description: Water based adhesive
Date Prepared: 7/15/98 rev. 5/24/01

SECTION 3 - COMPOSITION/INGREDIENTS

This Material Safety Data Sheet is prepared to comply with the United States Occupational Safety and Health Administration (OSHA) Hazard Communication Standard (29 CFR 1910.1200) and the Canadian Workplace Hazardous Material Information System (WHMIS). Unlisted ingredients are not "hazardous" per the OSHA standard and/or are not found on the WHMIS ingredient disclosure list.

<u>Chemical</u>	<u>CAS Number</u>	<u>Percent</u>
Aluminum chloride	(7446-70-0)	2 - 4%
LD50: 3730 mg/kg (oral, rat) LC50: No Data Found		
<u>Chemical</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Aluminum chloride	2mg/M3	2mg/M3

See Section 16 for additional information.

SECTION 4 - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW - No specific warnings for normal use conditions. Possible cancer hazard. Contains a material which may cause cancer.

POTENTIAL HEALTH EFFECTS

Eyes: Eye contact with liquid product will cause irritation.

Skin: Skin contact with liquid product will cause irritation.

Inhalation: Exposure to vapors in poorly ventilated areas may cause irritation of the nose, throat, and respiratory tract. Mists or sprays will irritate and may damage upper respiratory tract and lungs.

Ingestion: Not an anticipated route of exposure. Small amounts are not anticipated to be harmful.

Chronic: No anticipated chronic effects. Overexposure to vinyl acetate is not expected to occur during normal handling and use of this product. Vinyl acetate has been shown to cause irritation and cancer in inhalation studies with laboratory animals. Test levels of 600 ppm caused an increase in tumors in the respiratory tract of the test animals. No tumors were observed in the animals exposed at 50 ppm or lower. There is no evidence that vinyl acetate has caused cancer in humans.

REGULATED CARCINOGEN STATUS: Vinyl acetate is listed as a potential carcinogen by IARC.

Existing Health Conditions Affected by Exposure: No known effects on other illnesses.

SECTION 5 - FIRST AID MEASURES

Eyes: Flush immediately with water for 15 minutes. Consult a physician if irritation persists.

Skin: Wash affected area with soap and water. Launder contaminated clothing before reuse.

Inhalation: Remove subject to fresh air.

Ingestion: If person can swallow, give one glass of water or milk. **DO NOT INDUCE VOMITING.** Get immediate medical attention. Never give anything by mouth to an unconscious person.

SECTION 6 - FIRE FIGHTING MEASURES

Flash Point/Method: Nonflammable.

Upper Explosive Limit/Lower Explosive Limit: Not applicable.

Autoignition Temperature: Not applicable.

Appropriate Extinguishers: Nonflammable in liquid state; use water spray, foam, dry chemical or carbon dioxide on dried product.

Special Fire Fighting Procedures: Persons exposed to products of combustion should wear self-contained breathing apparatus and full protective equipment.

Unusual Fire and Explosion Hazards: There is the possibility of pressure building in closed containers when heated. Water spray may be used to cool the containers.

Hazardous Combustion Product: Incomplete combustion can yield low molecular weight hydrocarbons, carbon monoxide, hydrogen chloride, phosgene.

SECTION 7 - ACCIDENTAL RELEASE MEASURES

Spill of Leak Procedures: Dike if necessary, contain spill with inert absorbent and transfer to containers for disposal. Keep spilled product out of sewers, watersheds or water systems.

SECTION 8 - HANDLING AND STORAGE

Handling Information: Wear appropriate protective equipment when working with this product.

Storage Information: Avoid temperature extremes in storage. Consult the Technical Data Sheet for specific storage instructions.

SECTION 9- EXPOSURE CONTROLS / PERSONAL PROTECTION

Eyes: Wear safety glasses to reduce the potential for eye contact; chemical safety goggles are appropriate if splashing is likely. Have eyewash available where eye contact can occur.

Skin: Prevent prolonged or repeated contact by using rubber gloves and appropriate protective clothing. Launder contaminated clothing before reuse.

Respiratory Protection: Not normally required. Use NIOSH/MSHA approved acid mist respirator if material is being sprayed.

Ventilation: General dilution ventilation.

SECTION 10 - PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid
Color:	White
Odor:	Mild, sweet

Odor Threshold: Not established
Weight per Gallon: 9.1 lbs.
Specific Gravity: 1.09
% Solids by Weight: 47.5
pH: 2.95
Boiling Range: Greater than 200°F (93° C)
Freezing/Melting Point: Not established
Vapor Pressure: Not established
Vapor Density: Not established
Evaporation Rate: Not established
Water/Oil Partition Coefficient: Not established
VOC:11 g VOC/liter of material (VOC theoretically determined using EPA Publication 450/3-84-019)
VOC, less water: 25 g VOC/liter of material, less water and exempt solvents (VOC theoretically determined using EPA Publication 450/3-84-019)

SECTION 11 - STABILITY AND REACTIVITY DATA

Stability: Stable
Incompatibility: Not established
Hazardous Decomposition: Hydrogen chloride, phosgene
Hazardous Polymerization: Will not occur

SECTION 12 - TOXICOLOGICAL INFORMATION

No data available

SECTION 13 - ECOLOGICAL INFORMATION

No data available

SECTION 14 - DISPOSAL CONSIDERATIONS

To the best of our knowledge, this product does not meet the definition of hazardous waste under the US EPA Hazardous Waste Regulations 40 CFR 261. Solidify and dispose of in an approved landfill. Consult state, local or provincial authorities for more restrictive requirements.

SECTION 15 - TRANSPORTATION INFORMATION

United States Department of Transportation (DOT)
DOT Proper Shipping Name: Not regulated
It is our opinion that the information provided here may be used to transport this product in compliance with Canadian Transportation of Dangerous Goods.

SECTION 16 - REGULATORY INFORMATION

Federal: Toxic Substances Control Act (TSCA) Section 8(b) - Inventory Status. This product is in compliance with the Toxic Substances Control Act's Inventory requirements. Section 12(b)

Export Notice Requirements: This product contains a chemical substance that is currently on the EPA's Section 12(b) Export List. Within seven days of entering into a contract to export, and certainly no later than the day of export, the agent of export must notify the EPA of their intent.

SARA TITLE III Section 313: This product contains the following toxic chemical(s) subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) and 40 CFR Part 372:

Chemical Name: Vinyl Acetate
CAS Number: 108-05-4

Percent: <0.05%

State Regulations:

California Proposition 65: Proposition 65, The Safe Drinking Water and Toxic Enforcement Act of 1986:

This product contains chemical(s) known to the state of California to cause cancer (c) or reproductive (r) damage.

<0.0397% Acrylamide (c) 79-06-1 Listed January 1, 1990

<0.0040% Acetaldehyde (c) 75-07-0 Listed April 1, 1988

<0.0276% Formaldehyde (c) 50-00-0 Listed January 1, 1988

<0.001% N-Methyl acrylamide (c) 924-42-5 Listed July 1, 1990

WHMIS IDENTIFICATION/OTHER INTERNATIONAL REGULATIONS

Not regulated

SECTION 17 - ADDITIONAL INFORMATION

In storage, monomer vapors will migrate from the emulsion and establish an equilibrium between the headspace in the storage container and the liquid emulsion. Levels in excess of acceptable exposures can accumulate in non-vented headspaces above the emulsion. All procedures appropriate for a confined space entry should be completed prior to performing any work in a bulk storage tank.

This product contains trace amounts (less than 0.1%) of formaldehyde. Formaldehyde has been identified as an animal carcinogen. Overexposure to formaldehyde should not occur with normal handling and use.

HMIS RATING

Health - 1 Flammability - 0 Reactivity - 0

NOTICE

The information and recommendations set forth herein are believed to be true and accurate. Because some of the information is derived from information provided from suppliers, and because manufacturer has no control over the conditions of handling and use. No warranty is expressed or implied, regarding the accuracy of the data or the results to be obtained from the use thereof. The information is supplied solely for your information and consideration, and manufacturer assumes no responsibility from use or reliance thereon. It is the responsibility of the user to comply with all applicable federal, state and local laws and regulations.