



MATERIAL SAFETY DATA SHEET

1. COMPANY AND PRODUCT IDENTIFICATION

DUNCAN ENTERPRISES
5673 East Shields Avenue
Fresno, CA 93727
559-291-4444
559-291-9444 (Fax)

EMERGENCY TELEPHONE NUMBERS

Health Emergency: 559-291-4444 7:00 am – 3:30 pm
Pacific Standard Time
Spill and Off-Hour
Health Emergencies: 800-424-9300 U.S. and Canada
703-527-3887 Outside U.S. and
Canada (Collect)

Product Name: ALEENE'S PLATINUM BOND PATIO and GARDEN ADHESIVE
Synonym Name(s): Solvent - Based Adhesive

2. COMPOSITION / INFORMATION ON INGREDIENTS

The ingredients in this formulation are a trade secret. All ingredients in the formula are non-hazardous, unless specified in Sections 3 and 15.

3. HAZARDS IDENTIFICATION

CHEMICAL / CAS NUMBER	PERCENT	OSHA PEL	ACGIH TLV
PERCHLOROETHYLENE / 127-18-4	70.00%	100 PPM	25 PPM
OSHA STEL: None Established			

EMERGENCY OVERVIEW:

WARNING! Keep away from food. Vapor harmful.

Precautions: Do not swallow. Swallowing may cause injury or death. Avoid contact with eyes. Will cause irritation and pain. Avoid prolonged, repeated, or excessive contact with skin. May cause irritation and dermatitis. Do not breathe vapors. High vapor concentrations can cause dizziness, unconsciousness, central nervous system depression or death. Long-term overexposure may cause liver/kidney injury. Use with adequate ventilation. Do not eat, drink or smoke in work area. Eye irritation, dizziness and/or drunkenness are signs of overexposure.

4. FIRST AID MEASURES

Eye / Skin Contact: In case of contact, immediately flush eyes and skin with plenty of water (soap and water for skin) for at least 15 minutes, while removing contaminated clothing and shoes. Get medical attention if irritation persists. Thoroughly clean contaminated clothing and shoes before reuse or discard.

Inhalation: Move person to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult, give oxygen. Call a physician.

Ingestion: If swallowed, give at least 3-4 glasses of water, but do not induce vomiting. Do not give anything by mouth to an unconscious or convulsing person. Get medical attention.

Notes to Physician: Only administer adrenaline after careful consideration following overexposure. Increased sensitivity of the heart to adrenaline may be caused by overexposure to this product.

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5. FIRE FIGHTING MEASURES

Autoignition Temperature:	Unknown
Flash Point:	None (by DOT test method)
Upper Explosive Limit (%):	None
Lower Explosive Limit (%):	None
Extinguisher Media:	CO ₂ , Dry Chemical, Water – Use extinguishing media appropriate for surrounding fire
Special Firefighting Procedures:	Emits toxic fumes under fire conditions. When this product is involved in fires, it can decompose to hydrogen chloride and possible traces of phosgene. Fire-fighters must wear NIOSH approved pressure demand, self-contained breathing apparatus and full protective clothing when fighting chemical fires.
Fire & Explosion Hazards:	0 = Insignificant

6. ACCIDENTAL RELEASE MEASURES

Spill or Leak Procedures:	Collect on safety absorbents
Waste Disposal Methods:	Treat as organic waste in compliance with EPA Regulations. Dispose of in accordance with Local, State and Federal guidelines.

For safety and environmental precautions, please review entire Material Safety Data Sheet for necessary information.

7. HANDLING AND STORAGE

Handling / Storage:	Do not store near sources of heat such as boilers and direct sun.
Special Comments:	Use good hygiene practices. Launder contaminated clothing before reuse. Non-hazardous ingredients withheld under PA Trade Secret status.
EPA SARA TITLE III Hazard Class:	None

This product contains the following chemicals subject to the reporting requirements of EPA SARA Title III Section 313 (40 CFR 372)

<u>Chemical</u>	<u>CAS Number</u>	<u>Weight Percent</u>
Perchloroethylene	127-18-4	70.00%

8. EXPOSURE CONTROL AND PERSONAL PROTECTION

Ventilation Requirements:	Recommended
Respiratory Protection:	If TLV is exceeded, an approved respirator is required.
Protective Clothing:	Protective chemically resistant gloves.
Eye Protection:	OSHA approved full face mask.

9. PHYSICAL AND CHEMICAL PROPERTIES

Pure Material or Mixture:	Mixture
Physical Form:	Liquid
Appearance / Physical Description:	Amber Liquid—Chlorinated Solvent Odor
pH:	N / A
Boiling Point:	103°F

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9. PHYSICAL AND CHEMICAL PROPERTIES (Continued)

Solubility in Water:	30%
Specific Gravity (Water = 1):	1.34
Bulk Density:	11.16 lb / gal
Volatiles:	70% / wt
Evaporation Rate (Water = 1):	> 1 (Fast)
Vapor Pressure:	340 mm Hg @ 20°C (68°F)
Vapor Density (Air = 1):	> 1

10. STABILITY AND REACTIVITY

Stability:	Stable
Incompatibilities:	Open flames, hot glowing surfaces or electric arcs
NFPA Reactivity Hazard Class:	0 = Insignificant
Hazardous Decomposition Products:	Hydrogen chloride gas, possible traces of phosgene
Hazardous Polymerization:	Will not occur.

11. TOXICOLOGICAL INFORMATION

WARNING: This product contains a chemical known to the State of California to cause cancer.

Effects of Overexposure

Acute

Inhalation: This product is primarily a central nervous system depressant. Inhalation can cause irritation of the respiratory tract, dizziness, nausea, headache, loss of coordination and equilibrium, unconsciousness and even death in confined or poorly ventilated areas.

Eye/Skin: Liquid splashed in the eye can result in discomfort, pain and irritation. Prolonged or repeated contact with liquid on the skin can cause irritation and dermatitis.

Ingestion: Swallowing of this material may result in irritation of the mouth and GI tract along with other effects as listed above for inhalation. Vomiting and subsequent aspiration into the lungs may lead to chemical pneumonia and pulmonary edema which is a potentially fatal condition.

Chronic: Prolonged exposure above the OSHA permissible exposure limits may result in liver and kidney damage. Prudent handling practices should be followed to minimize human exposure.

12. ECOLOGICAL INFORMATION

Tetrachloroethylene is a known marine pollutant.

13. DISPOSAL CONSIDERATIONS

Disposal Method: Contaminated sawdust, vermiculite, soil or porous surface must be disposed of in a permitted hazardous waste management facility. Recovered liquids may be reprocessed or incinerated or must be treated in a permitted hazardous waste management facility. Care must be taken when using or disposing of chemical materials and/or their containers to prevent environmental contamination. It is your duty to dispose of the chemical materials and/or their containers in

accordance with the Clean Air Act, the Clean Water Act, the Resource Conservation and Recovery Act, as well as any other relevant Federal, State and local laws/regulations regarding disposal.

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13. DISPOSAL CONSIDERATIONS (Continued)

RCRA Waste perchloroethylene and contaminated soils/material from spill cleanup are U210 hazardous waste as per 40 CFR 261.33 and must be disposed of accordingly under RCRA.

14. TRANSPORT INFORMATION

U.S. Department of Transportation Information

DOT Shipping Name: Consumer Commodity ORM – D Adhesive Glues, NOI 4620 Sub 1
DOT Hazard Class: 6.1 (Harmful – Stow away from foodstuffs)
DOT Reportable Quantity: 100 Lbs./45.4 kg.

United Nations Information

U.N. Number: UN1897
U.N. Class: III
Canada TDG Description: Tetrachloroethylene 6.1 UN1897 PGIII Marine Pollutant
Mexico Description : Tetrachloroethylene 6.1 UN1897 PGIII
IMO/ICAO/IATA Description : Tetrachloroethylene Class 6.1 UN1897 PGIII Marine Pollutant (IMO)
Tetrachloroethylene 6.1 UN1897 PGIII (ICAO/IATA).

15. REGULATORY INFORMATION

TSCA: This product is listed on the TSCA Inventory.
Europe EINECS: This product is listed on EINECS. (204-825-9)
Canada DSL: This product is listed on the Canadian DSL.
Australia AICS: This product is listed on AICS.
Korea ECL: This product is listed on ECL. (2-1256)
Japan MITI (ENCS): This product is listed on MITI.
SARA/TITLE III
SARA (311, 312) Hazard Class: Acute Health Hazard. Chronic Health Hazard.
SARA (313) Chemicals: Listed
SARA Section 302: Not listed as an Extremely Hazardous Substance.
CERCLA Hazardous Substance: Listed in Table 302.4 of 40CFR Part 302 as a hazardous substance with a reportable quantity of 100 pounds. Releases to air, land or water which exceed the RQ must be reported to the National Response Center, 800-424-8802.
California Proposition 65: This product contains a chemical known to the State of California to cause cancer.
Canada Regulations (WHMIS): Class D1B – Toxic Material. Sensitization to Product: None known. Odor threshold: Approx. 50 ppm. Product use: adhesive.



Products bearing the Caution Label are certified to be properly labeled in a program of toxicological evaluation by a nationally recognized toxicologist. The products are certified by the toxicologist to be labeled in accordance with the chronic hazard labeling standard ASTM D-4236.

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16. OTHER INFORMATION

Table of Abbreviations

ACGIH	American Conference of Governmental Industrial Hygienists
AICS	Aboriginal Independent Community Schools
ANSI	American National Standards Institute
ASTM	American Society for Testing Materials
°C	Degrees Centigrade
CAS	Chemical Abstract Service
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act
CFR	Code of Federal Regulations
CPR	Controlled Products Regulations
DOT	Department of Transportation
DSL	Domestic Substances List
ECL	Education Counseling Service
EINECS	European Inventory of Existing Commercial Chemical Substances
ENCS	Existing and New Chemical Substances
EPA	Environmental Protection Agency
°F	Degrees Fahrenheit
FDA	Food & Drug Administration
Hg	Mercury
HMIS	Hazardous Materials Identification System
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
ICAO	International Civil Aviation Organization
IMO	International Maritime Organization
LD	Lethal Dose
mg / kg	Milligram per kilogram
MITI	Ministry of International Trade and Industry
mm	Millimeter
MSDS	Material Safety Data Sheet
MSHA	Mine Safety and Health Administration
N / A	Not Applicable
NFPA	National Fire Protection Association
NIOSH	National Institute for Occupational Safety and Health
NTP	National Toxicology Program
OSHA	Occupational Safety and Health Administration
ppm	Parts per million
SARA	Superfund Amendment and Reauthorization Act
STEL	Short-Term Exposure Limit
TDG	Transport Dangerous Goods
TSCA	Toxic Substances Control Act
TWA	Time - Weighted Average
U.N.	United Nations
WHMIS	Workplace Hazardous Materials Information System
>	Greater Than
<	Less Than

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16. OTHER INFORMATION (Continued)

Creation Date: 04/99
Revision Date: 06/03/05
Technical Contact: Frank Peters
Craft Paint Development Manager
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Disclaimer

The information given and the recommendations made herein apply to our product(s) alone and not combined with any other product(s). Such are based on our research and on data from other reliable sources and are believed to be accurate. No guarantee of accuracy is made. It is the purchaser’s responsibility before using any product to verify this data under their own operating conditions and to determine whether the product is suitable for their purposes.

