

Material Safety Data Sheet

ITW Consumer - Devcon/Versachem

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DUCO PLASTIC & MODEL CEMENT

This product appears in the following stock number(s):
90225

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Tradename: DUCO PLASTIC & MODEL CEMENT

General use: Plastic/model & hobby cement

Chemical family: Adhesive solution

MANUFACTURER

ITW Consumer - Devcon/Versachem
2107 West Blue Heron Blvd.
Riviera Beach, Florida 33404

EMERGENCY INFORMATION

Emergency telephone number
(CHEMTEL): (800) 255-3924
(CHEMTEL International): (+01) 813-248-0585
Other Calls: (561) 845-2425

2. COMPOSITION/INFORMATION ON INGREDIENTS

Component	Abbr.	Weight%	ACGIH; TLV-TWA	OSHA PEL:	Other Limits
ETHYL ACETATE 141-78-6	n/e	>60	400 ppm	400 ppm TWA; 1400 mg/m ³ TWA	400 ppm Canada
TRADE SECRET (Non-hazardous) MIXTURE	n/e	Balance		n/e	n/e

"TLV" means the Threshold Limit Value exposure (eight-hour, time-weighted average, unless otherwise noted) established by the American Conference of Governmental Industrial Hygienists. "STEL" indicates a short-term exposure limit. "PEL" indicates the OSHA Permissible Exposure Limit. "n/e" indicates that no exposure limit has been established. An asterisk (*) indicates a substance whose identify is a trade secret of our supplier and unknown to us.

3. HAZARDOUS IDENTIFICATION

Emergency Overview

Appearance, form, odor: Clear liquid with solvent odor

WARNING! Flammable. Eye, skin and respiratory irritant. May cause central nervous system effects.

Potential health effects

Primary Routes of Exposure: Eye and skin contact, ingestion, inhalation, skin absorption

Symptoms of acute overexposure

Skin: May cause skin defatting with prolonged exposure. Prolonged absorption may cause damage to blood, kidneys and nervous system.

Eyes: Moderate eye irritant (stinging, burning sensation, tearing, redness, swelling)

Inhalation: Excessive inhalation causes headache, dizziness, nausea and incoordination.

Ingestion: May cause gastric distress (nausea, vomiting, diarrhea). May cause central nervous system effects.

Effects of Chronic Exposure: May cause central nervous system effects. Chronic overexposure to ethyl acetate may cause anemia with leukocytosis and damage to liver and kidneys.

Medical Conditions Recognized as Being Aggravated by Exposure:

Preexisting pulmonary and dermatological disorders.

4. FIRST AID MEASURES

Eye Contact: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

Skin Contact: Remove contaminated clothing. Wash area with soap and water. If irritation persists, seek medical attention.

Inhalation: Remove person to fresh air. If not breathing, give artificial respiration. If breathing is difficult, get immediate medical attention.

Ingestion: Do not induce vomiting. Slowly dilute with 1-2 glasses of water or milk and seek medical attention. Never give anything by mouth to an unconscious person. If spontaneous vomiting occurs, hold the victim's head lower than hips to prevent aspiration.

5. FIRE FIGHTING MEASURES

Recommended Extinguishing Media: Water, Dry chemical, Carbon dioxide, foam

Flash point: 24°F (4.4°C)

Method: TCC

**Lower Explosive
Limit:** 2%

**Upper Explosive
Limit:** 10.7%

Special Fire-Fighting Procedures: Firefighters should wear self-contained breathing apparatus. Use water spray to cool exposed containers.

Unusual Fire/Explosion Hazards:

Closed containers may rupture or explode when exposed to extreme heat.

Hazardous Products of Combustion:

Oxides of carbon, Oxides of nitrogen

6. ACCIDENTAL RELEASE MEASURES

Spill Control: Avoid personal contact. Eliminate ignition sources. Ventilate area.

Containment: Dike, contain and absorb with clay, sand or other suitable material

Cleanup: For large spills, pump to storage/salvage vessels. Place in an appropriate waste container for disposal.

Special procedures: Prevent spill from entering drainage/sewer systems, waterways and surface water. Use non-sparking tools.

7. HANDLING AND STORAGE

Handling precautions: Avoid breathing vapors or mists. Avoid contact with the skin and the eyes. Wash thoroughly after handling. Keep away from sources of ignition - No smoking.

Storage: Store away from heat.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering controls:

Ventilation:

General; local exhaust ventilation as necessary to control any air contaminants to within their exposure limits (or to the lowest feasible levels when limits have not been established) during the use of this product.

Other engineering controls: Observe label precautions. Keep container tightly closed. Have emergency shower and eye wash available.

Personal protective equipment

Eye and face protection: Safety glasses with side shields

Skin protection: Chemical-resistant gloves (i.e. butyl) and other gear as required to prevent skin contact.

Respiratory protection: With good ventilation, none required. An approved respirator (i.e.NIOSH, etc.) should be worn when exposures are expected to exceed the applicable limits.

9. PHYSICAL AND CHEMICAL PROPERTIES

Specific Gravity: 0.94

Boiling Point: 172°F

Melting point: n/d

Vapor Density (Air=1): >1

Vapor Pressure: n/d

Evaporation Rate: Slower than ether

VOC: 5.3 lb.gal

Solubility in water: Slight

pH (5% solution or slurry in water): n/d

10. STABILITY AND REACTIVITY

This material is chemically stable. Hazardous polymerization will not occur.

Conditions to Avoid: Keep away from heat,sparks and flame.

Incompatibilities: Avoid contact with bases and strong oxidizers, Amines

Hazardous Products of Combustion: Oxides of carbon, Oxides of nitrogen

Conditions under which hazardous polymerization may occur: None known.

11. TOXICOLOGICAL INFORMATION

Eye Contact: No data available.

Subchronic effects: No data available.

Carcinogenicity, tertogenicity and mutagenicity: No data available.

Other chronic effects: Chronic overexposure to solvents has caused liver, kidney and central nervous system damage in laboratory animals.

Toxicological information on hazardous chemical constituents of this product:

Component	Oral LD50 (rat)	Dermal LD50 (rabbit)	Inhalation LC50 4hr (rat)
ETHYL ACETATE 141-78-6	5620 mg/kg	>20 mL/kg	45 g/m ³ /2h
TRADE SECRET (Non-hazardous) MIXTURE	n/d	n/d	n/d

'n/d' = not determined

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12. ECOLOGICAL INFORMATION

Ecotoxicity: No data available.

Mobility and persistence: No data available.

Environmental fate: No data available.

13. DISPOSAL CONSIDERATIONS

Please see also Section 15, Regulatory Information.

Recommended Method of Disposal: If this product becomes a waste, it would be a hazardous waste by RCRA criteria (40CFR 261). Dispose of according to applicable federal, state and local regulations.

US EPA Waste Number: D001.

14. TRANSPORT INFORMATION

Proper shipping name: *Adhesives

Technical name: N/A

Hazard class: 3

UN/ID Number: 1133

Packing group: II

Emergency Response Guide no: 128

*Depending upon the size and type of container, this material may be reclassified as "Consumer Commodity, ORM-D" for shipments within the United States, or "Limited Quantity" elsewhere. Refer to the appropriate regulation.

15. REGULATORY INFORMATION

U.S. Federal Regulations

TSCA:

All ingredients of this product are listed, or are exempt from listing on the TSCA Inventory. Export notification is required under TSCA Sec.12B - see below..

The following RCRA code(s) applies to this material if it becomes waste:

D001

Regulatory status of hazardous chemical constituents of this product:

Component	Extremely Hazardous*	Toxic Chemical**	CERCLA RQ (lbs)	12B EXPORT NOTIFICATION:
ETHYL ACETATE 141-78-6	No	No	5000 pounds (2270 kg)	Required
TRADE SECRET (Non-hazardous) MIXTURE	No	No	0.0	Not required

*Consult the appropriate regulations for emergency planning and release reporting requirements for substances on the SARA Section 301 Extremely Hazardous Substance List.

**Substances for which the "Toxic Chemical" column is marked "Yes" are on the SARA Section 313 list of Toxic Chemicals, for which release reporting may be required. For specific requirements, consult the appropriate regulations.

For purposes of SARA Section 312 hazardous materials inventory reporting, the following hazard classes apply to this material: Immediate health hazard, Delayed health hazard, Fire hazard

California regulations: For purposes of the California Safe Drinking Water and Toxic Enforcement Act of 1986 (Prop.65), this product contains a chemical(s) known to the State of California to cause cancer.

Canadian Regulations

WHMIS Hazard Class: B2 FLAMMABLE LIQUIDS, D2B TOXIC MATERIALS

16. OTHER INFORMATION

Hazardous Material Information System (HMIS) rating:

Health 2* Flammability 3 Physical Hazard 0

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HMIS is a registered trademark of the National Paint and Coatings Assn.

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