

ITW Permatex
Devcon Brand
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Material Safety Data Sheet

1. PRODUCT IDENTIFICATION

Product Name: DUCO CEMENT
Product Type: Adhesive

This product appears in the following stock number(s):
62435, 62455, 62465

2. COMPOSITION/INFORMATION ON INGREDIENTS

Component	Weight%	ACGIH; TLV-TWA	OSHA PEL
ACETONE 67-64-1	70-80	500 ppm	1000 ppm; 2400 mg/m ³
CELLULOSE NITRATE 9004-70-0	10-20	Not listed	Not listed
2-PROPANOL 67-63-0	<5	200 ppm	400 ppm; 980 mg/m ³
1-METHOXY-2-PROPANOL ACETATE 108-65-6	<3	Not listed	Not listed
CAMPHOR 76-22-2	<3	2 ppm	Not listed
DICYCLOHEXYL PHTHALATE 84-61-7	<3	Not listed	Not listed

3. HAZARDS IDENTIFICATION

Toxicity: This material is irritating to skin, eyes and respiratory tract. Ingestion may irritate digestive tract and cause nausea, vomiting and diarrhea. High concentrations may cause central nervous system (CNS) depression. Prolonged exposure may cause liver and kidney effects and may affect the central nervous system.

Primary Routes of Entry: Eye and skin contact, ingestion, inhalation.

Signs and Symptoms of Exposure: Overexposure may cause eye and skin redness. Excessive overexposure may cause giddiness, dizziness, headache, nausea and in extreme cases, unconsciousness and respiratory depression.

Component	Weight%	NTP	ACGIH Carcinogens	IARC Carcinogen
ACETONE 67-64-1	70-80		A4 - Not Classifiable as a Human Carcinogen	
2-PROPANOL 67-63-0	<5		A4 - Not classifiable as a human carcinogen	Group 3 Monograph 71, 1999; Supp.7, 1987; Monograph 15, 1977
CAMPHOR 76-22-2	<3		A4 Not classifiable as a human carcinogen	

Aggravated Medical Condition: Preexisting eye, skin and respiratory disorders may be aggravated by overexposure to this product.

4. FIRST AID MEASURES

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.

Inhalation: Move to fresh air in case of accidental inhalation of vapours. Oxygen or artificial respiration if needed. Obtain medical attention.

Skin Contact: In case of contact, immediately flush skin with plenty of soap and water for at least 15 minutes. Get medical attention.

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.

5. FIRE FIGHTING MEASURES

Flash Point °F(°C): -4°F (-20°C)

5. FIRE FIGHTING MEASURES

Recommended Extinguishing Media: Dry chemical, Carbon dioxide, Foam

Special Fire-Fighting Procedures: Firefighters should wear self-contained breathing apparatus and protective clothing to prevent all skin and eye contact. Use water spray to cool exposed containers.

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

Unusual Fire/Explosion Hazards: Danger! This product is extremely flammable. May cause flash fire. Keep away from heat and sources of ignition.

Lower Explosive Limit: 0.6%

Upper Explosive Limit: 13.1%

6. ACCIDENTAL RELEASE MEASURES

Spill Procedures: Eliminate all sources of ignition. Maintain good ventilation. Take up with an inert absorbent. Store in a closed waste container until disposal.

7. HANDLING AND STORAGE

Storage: Store away from heat, sparks or open flame. Do not store at temperatures above 100°F (38°C).

Handling: Danger: Extremely flammable. Do not use near heat, sparks or open flame. Avoid breathing vapors, if exposed to high vapor concentration, leave area at once. Avoid contact with skin and eyes. Wash hands before eating and smoking.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eyes: Safety glasses

Skin: Neoprene or nitrile gloves recommended

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

Respiratory Protection: An approved organic vapor respirator should be worn when exposures are expected to exceed the applicable limits

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Amber liquid

Odor: Solvent

Boiling Point: 132°F

pH: Not applicable

Solubility in Water: Slight

Specific Gravity: 0.87

VOC(Wt.%): 5.91 lb/gal

Vapor Pressure: Not Determined

Vapor Density (Air=1): >1

Evaporation Rate: <1 (butyl acetate = 1)

10. STABILITY AND REACTIVITY

Chemical Stability: Stable at normal conditions

Hazardous Polymerization: Will not occur

Incompatibilities: Strong oxidizers, Strong bases, Acids, Amines

Conditions to Avoid: Keep away from heat, sparks and open flame. - No smoking.

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

11. TOXICOLOGICAL INFORMATION

See Section 3

12. ECOLOGICAL INFORMATION

No data available

13. DISPOSAL CONSIDERATIONS

Recommended Method of Disposal: Disposal should be made in accordance with federal, state and local regulations

US EPA Waste Number: D001 as per 40CFR 261.21

14. TRANSPORTATION INFORMATION

DOT (49CFR 172)

U.S. Department of Transportation - DOT - 49 CFR (Ground)

DOT Shipping Name: Adhesives, Limited Quantity

14. TRANSPORTATION INFORMATION

Hazard Class: Class 3, PG II
UN/ID Number: UN 1133

IATA (Air)

Proper Shipping Name: Consumer Commodity
Class or Division: Class 9
UN/ID Number: ID 8000

IMDG (Vessel)

Proper Shipping Name: Adhesives, Limited Quantity
Hazard Class: Class 3, PG II
UN Number: UN 1133

15. REGULATORY INFORMATION

SARA 313 Chemicals: The following component(s) is listed as a SARA Section 313 Toxic Chemical.

SARA 313 Information None

California Proposition 65: No California Prop 65 chemicals are known to be present at or above the No Significant Risk Level.

TSCA Inventory Status: All components of this product are listed (or exempt) on the EPA TSCA inventory.

16. OTHER INFORMATION

Estimated NFPA Rating: HEALTH 2, FLAMMABILITY 3, REACTIVITY 0
Estimated HMIS Classification: HEALTH 2, FLAMMABILITY 3, PHYSICAL HAZARD 0
(NFPA is a registered trademark of the National Fire Protection Association)
(HMIS is a registered trademark of the National Paint and Coatings Association)

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