

Material Safety Data Sheet

ITW Performance Polymers - Devcon

1 of 5

CONTACT CEMENT

This product appears in the following stock number(s):
18045

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Tradename: CONTACT CEMENT

General use: Flexible, waterproof repairs. After solvent evaporates, product is not hazardous

Chemical family: Neoprene Adhesive Solution

MANUFACTURER

ITW Performance Polymers - Devcon
Consumer Division
2107 West Blue Heron Blvd.
Riviera Beach, FL 33404

EMERGENCY INFORMATION

Emergency telephone number
(CHEMTREC): (800) 424-9300
(CHEMTREC International): 703-527-3887
Other Calls: (561) 845-2425

2. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	Abbr.	Weight Percent	ACGIH TLV:	OSHA PEL:	Other Limits
METHYL ETHYL KETONE 78-93-3	MEK	30-60	200 ppm TWA	200 ppm TWA; 590 mg/m ³	200 ppm Canada
SOLVENT NAPHTHA (PETROLEUM), LIGHT ALIPH. 64742-89-8	n/e	10-30	n/e	n/e	n/e
N-HEXANE 110-54-3	n/e	10-30	50 ppm TWA	500 ppm TWA; 1800 mg/m ³ TWA	50 ppm Canada
METHYLCYCLOPENTANE 96-37-7	MCP	<5	n/e	n/e	n/e
HEXANE ISOMERS MIXTURE	n/e	1-10	500 ppm	n/e	n/e
TRADE SECRET (Non-hazardous) MIXTURE	n/e	Balance	n/e	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: Amber liquid with hydrocarbon odor

DANGER! Extremely Flammable. Eye, skin and respiratory irritant. May cause central nervous system effects. Based on animal studies, potential reproductive effects.

Potential health effects

Primary Routes of Exposure: Eye. Skin. Inhalation (breathing), skin absorption

Symptoms of acute overexposure

Skin: May be absorbed through skin in harmful amounts. Has a drying effect; may irritate.

Eyes: Irritant.

Inhalation: Causes irritation of the mouth, nose, and throat. Central Nervous System Depression: signs/symptoms can include headache, dizziness, drowsiness, incoordination, slowed reaction time, slurred speech, giddiness and unconsciousness.

Ingestion: May cause gastric distress (nausea, vomiting, diarrhea). Aspiration (breathing) of vomitus into lungs may result in pneumonitis.

Effects of Chronic Exposure: May cause dermatitis. Overexposure to methyl ethyl ketone and n-hexane may cause peripheral nerve damage (that of arms and legs) and result in muscular weakness and loss of sensation. Long term overexposure to solvents have been associated with lung, liver and kidney damage.

Medical Conditions Recognized as Being Aggravated by Exposure:

Preexisting pulmonary and dermatological disorders.

Other:

Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal

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: If inhaled, remove from area to fresh air. Get medical attention if respiratory irritation develops or if breathing becomes difficult.

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.

5. FIRE FIGHTING MEASURES

General fire and explosion characteristics: Flammable liquid Class 1B.

Recommended Extinguishing Media: Carbon dioxide, Dry chemical, foam

Flash point: -9°F

Method: SFCC

**Lower Explosive
Limit:** 1.0 est

**Upper Explosive
Limit:** 8.5 est

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

Unusual Fire/Explosion Hazards:

Vapors may travel from container toward sources of ignition and flashback.

Hazardous Products of Combustion:

Thermal decomposition will produce CO, CO₂ and various unidentified organic compounds

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. Soak up residue with an absorbent such as clay, sand or other suitable material and dispose of properly.

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

7. HANDLING AND STORAGE

Handling precautions: Extremely flammable!. Avoid breathing vapors or mists. Avoid contact with the skin and the eyes. Wash thoroughly after handling. Ground container when pouring. Do not use near heat, sparks and open flame. Wear appropriate personal protective equipment.

Storage: Keep in cool and dark place. Avoid direct sunlight. Store away from heat, sparks or open flame. Do not store at temperatures above 120 degrees F. Keep containers closed when not in use. Maintain air space in storage containers.

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

Personal protective equipment

Eye and face protection: Safety glasses with side shields or splash-proof goggles are recommended.

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: 0.8

Boiling Point: 149-289°F

Melting point: n/d

Vapor Density (Air=1): >1

Vapor Pressure: n/d

Evaporation Rate: Slower than diethyl ether

VOC: 85% by weight, 650 g/l

Solubility in water: Negligible

pH (5% solution or slurry in water): 7

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: Strong oxidizers, Acids, alkaline materials

Hazardous Products of Combustion: Thermal decomposition will produce CO, CO₂ and various unidentified organic compounds

Conditions under which hazardous polymerization may occur: None.

11. TOXICOLOGICAL INFORMATION

Eye Contact: No data available.

Subchronic effects: No data available.

Carcinogenicity, teratogenicity and mutagenicity: No data available.

Other chronic effects: Laboratory studies involving rats indicate some evidence that MEK may be embryotoxic, fetotoxic and teratogenic.

Toxicological information on hazardous chemical constituents of this product:

Ingredient	Oral LD50 (rat)	Dermal LD50 (rabbit)	Inhalation LC50 4hr (rat)
METHYL ETHYL KETONE 78-93-3	2737 mg/kg	6840 mg/kg	23500 mg/m ³ /8h
SOLVENT NAPHTHA (PETROLEUM), LIGHT ALIPH. 64742-89-8	5000 mg/kg	3000 mg/kg	n/d
N-HEXANE 110-54-3	28710 mg/kg	n/d	48000 ppm/4h
METHYLCYCLOPENTANE 96-37-7	n/d	n/d	n/d
HEXANE ISOMERS MIXTURE	n/d	n/d	n/d
TRADE SECRET (Non-hazardous) MIXTURE	n/d	n/d	n/d

'n/d' = not determined

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: Do not dispose of in a landfill. Incineration is the preferred method of disposal.

US EPA Waste Number: D001/D035 as per 40CFR 261.21 and a TCLP waste per 261.24 (methyl ethyl ketone and benzene).

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

IMDG page number: Not determined

Other: *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/D035

Regulatory status of hazardous chemical constituents of this product:

Ingredient	Extremely Hazardous*	Toxic Chemical**	CERCLA RQ (lbs)	12B EXPORT NOTIFICATION:
METHYL ETHYL KETONE 78-93-3	No	Yes	5000 lbs. (2270 kg)	Not required
SOLVENT NAPHTHA (PETROLEUM), LIGHT ALIPH. 64742-89-8	No	No	0.0	Not required
N-HEXANE 110-54-3	No	Yes	5000 lbs (2270 kg)	Required
METHYLCYCLOPENTANE 96-37-7	No	No	0.0	Required
HEXANE ISOMERS MIXTURE	No	No	0.0	Not 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 does not contain any chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

Canadian regulations

WHMIS Hazard Class: B2 FLAMMABLE LIQUIDS, D2B TOXIC MATERIALS

All components of this product are on the Canadian Domestic Substances List .

16. OTHER INFORMATION

Hazardous Material Information System (HMIS) rating:

Health 2* Flammability 3 Physical Hazard 0

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

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