

SERMATECH INTERNATIONAL INCORPORATED

MATERIAL SAFETY DATA SHEET

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: SermaBond P-Solvent
Manufacturer's Name: Sermatech International Incorporated
Address: 159 South Limerick Road, Royersford Pa 19468
Business Telephone #: 610-474-1200
Emergency Telephone #: (USA)800-424-9300 (Chemtrec) (INTERNATIONAL) 1-703-527-3887
MSDS Issue Date: 06-22-05
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SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

Table with 7 columns: INGREDIENT, CAS #, WT%, ACGIH-TWA, OSHA-PEL, EH40, SEC 313. Rows include Water soluble chromium VI Compounds, Chromium III compounds, and Acidic phosphates.

NONHAZARDOUS INGREDIENTS WITHHELD AS A TRADE SECRET.

SECTION 3 - HAZARD IDENTIFICATION

HAZARD OVERVIEW
May cause cancer by inhalation of atomized coating. Harmful if swallowed.
Corrosive liquid. Irritating to eyes and respiratory system.

Potential Health Effects

- EYE: May cause severe irritation
SKIN: Prolonged skin contact may cause burns.
INGESTION: May be harmful if swallowed.
INHALATION: This product contains chromium VI compounds which are considered to be carcinogenic by inhalation. May cause respiratory irritation.

SECTION 4 - FIRST AID MEASURES

- EYES: Flush with water for 15 minutes. Get medical attention.
SKIN: Immediately flush skin with water, remove contaminated clothing and wash before reuse. Severe skin contact may require medical attention.
INGESTION: If victim is conscious give large amounts of water followed by milk of magnesia. Obtain medical attention.
INHALATION: Remove victim to fresh air. Obtain medical attention.

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SECTION 10 - STABILITY AND REACTIVITY

CHEMICAL STABILITY: (CONDITIONS TO AVOID) Stable.

INCOMPATIBILITY:(Materials to avoid) Alkalis and strong oxidizing or reducing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: Direct contact with alkalis may produce H₂ gas.

HAZARDOUS POLYMERIZATION: Will not occur.

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SECTION 11 - TOXICOLOGICAL INFORMATION

SKIN: Dermal (rabbit) LD₅₀ for product is unknown. Dermal (rabbit) LD₅₀ for chromic acid is 57 mg/kg.

INGESTION: Oral (rat) LD₅₀ for product is unknown. Oral (rat) LD₅₀ for chromic acid is 52 mg/kg.

INHALATION: Inhalation (rat) LC₅₀ for product is unknown. Inhalation (rat) LC₅₀ for chromic acid is 257 mg/m³.

SUBCHRONIC: No data.

CHRONIC/CARCINOGENICITY: Chromic acid is listed on the following: IARC: Human carcinogen, Group 1
NTP: Known human carcinogen

TERATOLOGY: No data.

REPRODUCTION: No data.

MUTAGENICITY: No data.

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SECTION 12 - ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: No data.

CHEMICAL FATE INFORMATION: No data.

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SECTION 13 - DISPOSAL CONSIDERATIONS

Dispose of as hazardous waste according to all applicable local, state and federal regulations.

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SECTION 14 - TRANSPORT INFORMATION

Proper shipping Name: Phosphoric acid solution.

Hazard Rating (DOT Class): Corrosive liquid, nos.

IATA Rating: Corrosive liquid, nos.

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SECTION 15 - REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS:

OSHA: This product is considered hazardous per OSHA Hazard Communication Rule, 29CFR 1910.1200

SECTION 313: HAZARDOUS INGREDIENTS IDENTIFIED IN THE SEC 313 COLUMN OF SECTION 1 ARE TOXIC CHEMICALS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF THE EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACT OF 1986 AND OF 40CFR372. THIS INFORMATION MUST BE INCLUDED IN ALL MSDS'S THAT ARE COPIED AND DISTRIBUTED FOR THIS MATERIAL.

TOXIC SUBSTANCES CONTROL ACT (TSCA): The ingredients of this product are all on the TSCA Inventory List.

INTERNATIONAL REGULATIONS:

CANADIAN WHMIS: Class D, Division 1 & 2 and Class E Corrosive liquid.

CANADIAN ENVIRONMENTAL PROTECTION ACT (CEPA): All ingredients of this product are on the Domestic Substance List (DSL) and acceptable for use under the provisions of CEPA.

UK CLASSIFICATION FOR SUPPLY: Toxic, Corrosive

R22: Harmful if swallowed

R34: Causes burns

R36/37: Irritating to eyes and respiratory system

R49: May cause cancer by inhalation

S24: Avoid contact with skin

S26: In case of contact with eyes immediately rinse with water and seek medical advise

S36: Wear suitable protective clothing

S45: In case of accident or of you feel unwell, seek medical advise immediately (show the label where possible).

STATE REGULATIONS:

CALIFORNIA PROP65: This products contains water soluble chromium VI compounds, a chemical known to the state of California to cause cancer.

VOLATILE ORGANIC COMPOUNDS (VOC) This product contains no volatile organic compounds.

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SECTION 16 - OTHER INFORMATION

SermaBond P-Solvent is an acidic, aqueous solution of chromate and phosphate salts. It is intended to be used as a binder in the manufacture of SermaBond P-1 and PBX cements.

HMIS RATINGS:

Health

Flammability

Reactivity

3

0

1

0=Minimal

1=Slight

2=Moderate

3=Serious

4=Severe

This information is furnished without warranty, expressed or implied; except that it is accurate to the best knowledge of Sermatech Intl. Inc. The above data relates only to the product listed.
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