



MATERIAL SAFETY DATA SHEET

CHROMATE INDUSTRIAL CORPORATION®

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**FOR CHEMICAL
EMERGENCY**

Call ChemTrec day/night:
1-800-424-9300

SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: VULCANIZING CEMENT

DATE PREPARED: July 20, 2008

PART NUMBER: 52176

PRODUCT TYPE: Heptane / Natural Rubber

CHEM. FAMILY / SHIPPING NAME: Rubber Compound

DEPT. OF TRANSPORTATION: CFR 49

CAS# / NAME: N/A

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HAZARD CLASSIFICATIONS #: CFR 49

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SECTION 2 – PHYSICAL DATA

Boiling Point: 200°-209° F

Freezing Point: N/A

Specific Gravity: N/A

Vapor Pressure at 20°C: N/A

Vapor Density: N/A

Evaporation Rate: 4.50

% Volatiles by Volume: 75-78

Solubility in Water (% by Wt.): N/A

Appearance and Odor: Cloudy liquid w/ solvent odor

VOC: 75%-85%

SECTION 3 – INGREDIENTS

MATERIAL	%	TLV UNITS	HAZARD	CAS#
Heptane	80-90	400 PPM	Not Hazardous	142-82-5
Methylcyclohexane	0.5	400 PPM		108-87-2
Uncured Natural Rubber	10-15			

SECTION 4 – FIRE AND EXPOSURE HAZARD DATA

Flash Point (Test Methods): 14°F (TCC)

Flammable Limits in Air (% by Volume): Lower: 1.0 Upper: 7.0

Extinguishing Media: Foam, CO2, Dry Chemical, Fire-Fighting Apparatus

Special Fire-Fighting Procedure: Use of self-contained breathing apparatus is recommended for fire-fighters.

Unusual Fire & Hazard Explosion Hazards: Extremely flammable and may be ignited by heat, sparks, flame or other source of ignition.

SECTION 5 – HEALTH HAZARD DATA

EXPOSURE LIMITS: TLV, PEL, and SOURCE: See Section 3

ACUTE EFFECTS OF OVEREXPOSURE:

Swallowing: May cause irritation of gastrointestinal tract, seek medical attention immediately. DO NOT give anything by mouth or induce vomiting.

Skin Absorption: May cause irritation.

Inhalation: May cause dizziness, move victim to fresh air, seek medical attention immediately.

Skin Contact: May cause irritation upon prolonged or repeated contact.

Eye Contact: May cause eye irritation, flush eyes with clean water.

CHRONIC EFFECT OF OVEREXPOSURE: N/A

OTHER HEALTH HAZARDS: N/A

EMERGENCY & FIRST AID PROCEDURES

Swallowing: DO NOT induce vomiting. Seek immediate medical advice and / or medical attention.
Skin: Wash with soap and large quantities of water. Seek medical attention if irritation persists.
Inhalation: Give oxygen.
Eyes: Flush with large quantities of water for at least 15 minutes. Seek medical attention.

PRIMARY ROUTE OF ENTRY: Contact and Inhalation.

NOTE TO PHYSICIAN: *Inhalation:* If breathing is difficult, dizziness or light-headedness occur when working in areas with high vapor concentrations, victim should seek air free of vapors. If continued breathing difficulties occur, administer oxygen until medical assistance can be rendered.

SECTION 6 – REACTIVITY DATA

STABILITY: Stable. **Conditions to Avoid:** N/A
Incompatibility (Materials to Avoid): Strong acids or bases and selected amines.
Hazardous Combustion or Decomposition Products: Thermal decomposition in the presence of air may yield carbon monoxide and / or carbon dioxide.
Hazardous Polymerization: Will not occur. **Conditions to Avoid:** N/A

SECTION 7 – SPILL OR LEAK PROCUEDURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: Stop flow. Recover what is possible. Small amounts of spilled material may be taken up with inert material.
WASTE DISPOSAL METHOD: Dispose of in accordance with local, state and federal regulations.

SECTION 8 – SPECIAL PROTECTION INFORMATION

Respiratory Protection (Specify Type): Use NIOSH cartridge or gas mask.
Ventilation: Mechanical ventilation to keep product within specified TLV ranges.
Protective Gloves: Impermeable gloves advised.
Eye Protection: Safety glasses.
Other Protective Equipment: Work clothes.

SECTION 9 – SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Keep product containers in cool, dry environment. Use and store this product with adequate ventilation.
TRANSPORTATION: In containers of 32 oz. or less, and no more than 18 quarts per master carton, this product is classified as ORM-D (see ORM-D label on master carton).
 In containers greater in size than 32 oz. and/or exceeding 18 quarts per master carton, this product must be classified as Flammable Liquid and must be labeled with appropriate red "Flammable Liquid (3)" label.
OTHER PRECAUTIONS: Personnel should avoid inhalation of vapors. Personal contact with the product should be avoided. If contact is made, remove saturated clothing and flush affected areas with water.

SECTION 10 – CARCINOGEN EVALUATION

None of the raw material components of this product are known or suspected to be carcinogens.

SECTION 11 – HMIS RATING

HEALTH:	FLAMMABILITY:	REACTIVITY:	PERSONAL PROTECTIVE EQUIPMENT:
1	3	0	A

N/A — NOT APPLICABLE
 N/L — NOT LISTED

N/D — NOT DETERMINED

N/E — NONE ESTABLISHED

N/R — NOT REGULATED

OTHER INFORMATION

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