



MATERIAL SAFETY DATA SHEET

CHROMATE INDUSTRIAL CORPORATION®

5250-A Naiman Parkway, Solon, OH 44139 • 888-567-2206 • www.chromate.com

**FOR CHEMICAL
EMERGENCY**

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

SECTION 1 — PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: SEAL-IT

COLOR: CLEAR

PART NUMBER: 74574

PRODUCT TYPE: THERMOPLASTIC ELASTOMER RESIN

DATE PREPARED: APRIL 14, 2009

DATE REVISED: AUGUST 13, 2013

CHROMATE INDUSTRIAL CORPORATION

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SECTION 2 — HAZARDS IDENTIFICATION

Hazard Information for people and the environment:

Extremely flammable liquid and vapor in a pressurized container. Keep away from heat, sparks, & flame. Has narcotizing effect.

Risk phrases:

Extremely flammable.
Irritating to skin.

Safety phrases:

Avoid exposure - obtain special instructions before use.
Keep locked up and out of the reach of children.
Keep away from sources of ignition - No smoking.
Do not breathe gas/fumes/vapour/spray.
Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point
Wear suitable protective clothing and gloves.
In case of insufficient ventilation, wear suitable respiratory equipment.

Effects of chronic overexposure:

May cause permanent brain and nervous system damage. Repeated overexposure can also damage kidneys, lungs, liver, heart, and blood. Intentional misuse by deliberately inhaling the contents may be harmful or fatal.

NFPA ratings (0 - 4):

Health = 1 Fire = 4 Reactivity = 3

HMIS-ratings (0 - 4):

Health - 1 Flammability - 4 Physical Hazard - 3

SECTION 3 — COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Description:

This product is a mixture of the substances listed below with nonhazardous additions.

Dangerous components:

67-64-1	Acetone	18.7%
108-88-3	Toluene	18.12%
74-98-6	propane	11.33%
64742-89-8	Solvent naphtha (petroleum), light aliphatic	11.11%
142-82-5	heptane	8.23%
106-97-8	n-butane	6.66%
64742-47-8	Mineral Spirits	6.18%
64742-48-9	Naphtha (petroleum), hydrotreated heavy	1.81%
64742-94-5	Solvent naphtha, heavy aromatic	1.77%

SECTION 4 — FIRST AID MEASURES

After inhalation:

Supply fresh air; consult doctor in case of complaints.

After skin contact:

Immediately wash with water and soap and rinse thoroughly.

After eye contact:

Rinse opened eye for several minutes under running water. Then consult a doctor.

After swallowing:

Contact physician or poison control center.

SECTION 5 — FIREFIGHTING MEASURES

Extinguishing agents: CO₂, sand, extinguishing powder, or water spray. Fight larger fires with water spray or alcohol resistant foam.

Special hazards: No further relevant information available.

Protective equipment: No special measures required.

SECTION 6 — ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures: Wear protective equipment. Keep unprotected persons away.

Environmental precautions: Do not allow product to reach sewage systems or ground water.

Methods and material for containment and cleaning up: Ensure adequate ventilation.

SECTION 7 — HANDLING AND STORAGE

Fire/explosion protection: Keep respiratory protective device available.
Do not spray on a naked flame or any incandescent material. Do not smoke. Protect from electrostatic discharges.

Conditions for safe storage:

Storage requirements: Observe pressurized container storage regulations. Consult with your local authorities.

SECTION 8 — EXPOSURE CONTROLS / PERSONAL PROTECTION**Components with limit values that require monitoring at the workplace:****67-64-1 Acetone**

PEL	2400 mg/m ³ , 1000 ppm
REL	590 mg/m ³ , 250 ppm
TLV	Short-term value: (1782) NIC-1187 mg/m ³ , (750) NIC-500 ppm Long-term value: (1188) NIC-475 mg/m ³ , (500) NIC-200 ppm BEI

108-88-3 Toluene

PEL	Short-term value: C 300; 500* ppm Long-term value: 200 ppm *10-min peak per 8-hr shift
REL	Short-term value: 560 mg/m ³ , 150 ppm Long-term value: 375 mg/m ³ , 100 ppm
TLV	75 mg/m ³ , 20 ppm BEI

74-98-6 propane

PEL	1800 mg/m ³ , 1000 ppm
REL	1800 mg/m ³ , 1000 ppm
TLV	Varies mg/m ³ , 1000 ppm

142-82-5 heptane

PEL	2000 mg/m ³ , 500 ppm
REL	Short-term value: C 1800* mg/m ³ , C 440* ppm Long-term value: 350 mg/m ³ , 85 ppm *15-min
TLV	Short-term value: 2050 mg/m ³ , 500 ppm Long-term value: 1640 mg/m ³ , 400 ppm

106-97-8 n-butane

REL	1900 mg/m ³ , 800 ppm
TLV	Short-term value: NIC-2370 mg/m ³ , NIC-1000 ppm Long-term value: (Varies) mg/m ³ , (1000) ppm

SECTION 8 — EXPOSURE CONTROLS / PERSONAL PROTECTION (CONT.)**8052-41-3 Stoddard Solvent**

PEL	2900 mg/m ³ , 500 ppm
REL	Short-term value: C 1800* mg/m ³ Long-term value: 350 mg/m ³ *15-min
TLV	525 mg/m ³ , 100 ppm

Ingredients with biological limit values:**67-64-1 Acetone**

BEI	50 mg/L Medium: urine Time: end of shift Parameter: Acetone (nonspecific)
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108-88-3 Toluene

BEI	0.02 mg/L Medium: blood Time: prior to last shift of workweek Parameter: Toluene
	0.03 mg/L Medium: urine Time: end of shift Parameter: Toluene
	0.3 mg/g creatinine Medium: urine Time: end of shift Parameter: o-Cresol with hydrolysis (background)

Hygienic protection:	Keep away from foodstuffs and animal feed. Wash hands after use. Store protective clothing separately. Avoid contact with the skin.
Breathing equipment:	A respirator is generally not necessary when using this product outdoors or in large open areas. In cases where short and/or long term overexposure exists, a charcoal filter respirator should be worn. If you suspect overexposure conditions exist, please consult an authority on chemical hygiene.
Hand protection:	Protective gloves. The glove material has to be impermeable and resistant to the substance. No glove recommendation can be given.
Eye protection:	Tightly sealed goggles.

SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

Odor:	Aromatic
pH-value:	Not determined.
Boiling point:	-110 °C (-166 °F)
Flash point:	-19 °C (-2 °F)
Flammability (solid, gaseous):	Not applicable.
Auto igniting:	Product is not self-igniting.
Danger of explosion:	Stable at normal temperatures. Can may burst when exposed to temperatures exceeding 120 degrees fahrenheit. In use, may form flammable/explosive vapour-air mixture.
Lower Explosion Limit:	1.1 Vol %
Upper Explosion Limit:	10.9 Vol %
Vapor Pressure:	40 PSI, 2750 hPa
Specific Gravity:	Between 0.77 and 0.85 (Water equals 1.00)
VOC content:	597.1 g/l / 4.98 lb/gl
VOC content (less exempt solvents):	66.3 %
MIR Value:	1.46
Solids content:	15.0 %
Other information	No further relevant information available.

SECTION 10 — STABILITY AND REACTIVITY

Conditions to avoid: Do not allow the can to exceed 120 degrees Fahrenheit. Stable at normal temperatures.

Possibility of hazardous reactions: No dangerous reactions known.

Hazardous decomposition: No dangerous decomposition products known.

SECTION 11 — TOXICOLOGICAL INFORMATION

Skin effects: Irritant to skin and mucous membranes.

Eye effects: No irritating effect.

Sensitization: No sensitizing effects known.

Additional toxicological information: Carcinogenic.
The product can cause inheritable damage.

Carcinogenic categories**IARC (International Agency for Research on Cancer)**

108-88-3	Toluene	3
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NTP (National Toxicology Program)

None of the ingredients is listed.

SECTION 12 — ECOLOGICAL INFORMATION

Aquatic toxicity: Harmful to aquatic organisms.
Hazardous for water, do not empty into drains.

Other information: This product does not contain any chlorofluorocarbons (CFC's), hydrochlorofluorocarbons (HCFC's), perfluorocarbons (PFC's), or chlorinated solvents.

Ecotoxic effects:

Remark: Toxic for fish.

SECTION 13 — DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose of in accordance with local, state, and federal regulations. Do not puncture, incinerate, or compact. Partially empty cans must be disposed of responsibly. Do not heat or cut empty containers with electric or gas torches.

Recommendation: Completely empty cans should be recycled.

SECTION 14 — TRANSPORT INFORMATION

UN-Number UN1950

DOT Consumer Commodity ORM-D
AEROSOLS, flammable

Class 2.1

Marine pollutant: Yes
Symbol (fish and tree)

EMS Number: F-D,S-U

Packaging Group: --

SECTION 15 — REGULATORY INFORMATION**SARA Section 355 (extremely hazardous substances):**

None of the ingredients in this product are listed.

SARA Section 313 (Specific toxic chemical listings):

108-88-3 Toluene

TSCA: All ingredients are listed.**CPSC:** This product complies with 16 CFR 1303 and does not contain more than 90 ppm of lead.**California Proposition 65 chemicals known to cause cancer:**

None of the ingredients is listed.

**California Proposition 65
chemicals known to cause
developmental toxicity:****WHMIS Symbols for Canada:**

108-88-3 Toluene

A - Compressed gas

D2A - Very toxic material causing other toxic effects

**EPA:**

67-64-1 Acetone

I

108-88-3 Toluene

II

142-82-5 heptane

D

ACGIH:

67-64-1 Acetone

A4

108-88-3 Toluene

A4

NIOSH:

The following substances are regulated in the United States with reference to occupational exposure limits:

SECTION 16 — OTHER INFORMATION

This product was manufactured in the U.S.A. The information on this sheet is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Contact: Regulatory Affairs**Abbreviations and acronyms:**

IMDG: International Maritime Code for Dangerous Goods
 CAS: Chemical Abstracts Service (division of the American Chemical Society)
 ISO: International Organization for Standardization
 DOT: US Department of Transportation
 NFPA: National Fire Protection Association (USA)
 HMIS: Hazardous Materials Identification System (USA)
 VOC: Volatile Organic Compounds (USA, EU)
 EPA: Environmental Protection Agency
 IARC: International Agency for the Research of Cancer
 NIOSH: National Institute for Occupational Safety and Health
 TSCA: Toxic Substances Control Act
 CPSC: Consumer Product Safety Commission