



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: BLACK

PART NUMBER: 74573

PRODUCT TYPE: THERMOPLASTIC ELASTOMER RESIN

DATE PREPARED: APRIL 14, 2009

DATE REVISED: AUGUST 13, 2013

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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 respiratory system and skin.
Harmful: danger of serious damage to health by prolonged exposure through inhalation.

Safety phrases:

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.
If swallowed, seek medical advice immediately and show this container or label.

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:

1317-65-3	Calcium Carbonate	16.99%
142-82-5	heptane	14.38%
74-98-6	propane	11.33%
108-88-3	Toluene	11.04%
67-64-1	Acetone	10.21%
64742-89-8	Solvent naphtha (petroleum), light aliphatic	8.03%
106-97-8	n-butane	6.66%
108-65-6	PM acetate	3.7%
1330-20-7	xylene (mix)	1.73%
64742-49-0	Naphtha (petroleum), hydrotreated light	1.08%

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.

N/A — NOT APPLICABLE N/D — NOT DETERMINED N/E — NONE ESTABLISHED N/R — NOT REGULATED N/L — NOT LISTED

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: 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:

142-82-5 heptane

PEL 2000 mg/m³, 500 ppm
 REL Short-term value: C 1800* mg/m³, C 440* ppm
 Long-term value: 350 mg/m³, 85 ppm
 *15-min
 TLV Short-term value: 2050 mg/m³, 500 ppm
 Long-term value: 1640 mg/m³, 400 ppm

74-98-6 propane

PEL 1800 mg/m³, 1000 ppm
 REL 1800 mg/m³, 1000 ppm
 TLV Varies mg/m³, 1000 ppm

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/m³, 150 ppm
 Long-term value: 375 mg/m³, 100 ppm
 TLV 75 mg/m³, 20 ppm
 BEI

67-64-1 Acetone

PEL 2400 mg/m³, 1000 ppm
 REL 590 mg/m³, 250 ppm
 TLV Short-term value: (1782) NIC-1187 mg/m³, (750) NIC-500 ppm
 Long-term value: (1188) NIC-475 mg/m³, (500) NIC-200 ppm
 BEI

106-97-8 n-butane

REL 1900 mg/m³, 800 ppm
 TLV Short-term value: NIC-2370 mg/m³, NIC-1000 ppm
 Long-term value: (Varies) mg/m³, (1000) ppm

108-65-6 PM acetate

WEEL 50 ppm

SECTION 8 — EXPOSURE CONTROLS / PERSONAL PROTECTION (CONT.)**1330-20-7 xylene (mix)**

PEL	435 mg/m ³ , 100 ppm
REL	Short-term value: 655 mg/m ³ , 150 ppm Long-term value: 435 mg/m ³ , 100 ppm
TLV	Short-term value: 651 mg/m ³ , 150 ppm Long-term value: 434 mg/m ³ , 100 ppm BEI

Ingredients with biological limit values:**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)

67-64-1 Acetone

BEI	50 mg/L Medium: urine Time: end of shift Parameter: Acetone (nonspecific)
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1330-20-7 xylene (mix)

BEI	1.5 g/g creatinine Medium: urine Time: end of shift Parameter: Methylhippuric acids
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Hygienic protection:	Keep away from foodstuffs and animal feed. Wash hands after use. 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)

N/A — NOT APPLICABLE N/D — NOT DETERMINED N/E — NONE ESTABLISHED N/R — NOT REGULATED N/L — NOT LISTED

SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES (CONT.)

VOC content: 557.5 g/l / 4.65 lb/gl
VOC content (less exempt solvents): 59.9 %
MIR Value: 1.17
Solids content: 29.9 %
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 categories

IARC (International Agency for Research on Cancer)

108-88-3	Toluene	3
1330-20-7	xylene (mix)	3

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.
Ecotoxicological 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
1330-20-7	xylene (mix)
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:

1333-86-4	Carbon black
100-41-4	ethyl benzene

California Proposition 65 chemicals known to cause developmental toxicity:

108-88-3 Toluene
67-56-1 Methanol

WHMIS Symbols for Canada:

A - Compressed gas
D2A - Very toxic material causing other toxic effects



EPA:

142-82-5	heptane	D
108-88-3	Toluene	II
67-64-1	Acetone	I
1330-20-7	xylene (mix)	I

ACGIH:

108-88-3	Toluene	A4
67-64-1	Acetone	A4
1330-20-7	xylene (mix)	A4

NIOSH:

1333-86-4	Carbon black
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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
- DOT: US Department of Transportation
- CAS: Chemical Abstracts Service (division of the American Chemical Society)
- NFPA: National Fire Protection Association (USA)
- HMIS: Hazardous Materials Identification System (USA)
- VOC: Volatile Organic Compounds (USA, EU)
- ISO: International Organization for Standardization
- 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