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: SEAL-IT
COLOR: SILVER
PART NUMBER: 74579
PRODUCT TYPE: THERMOPLASTIC ELASTOMER RESIN

DATE PREPARED: AUGUST 11, 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 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.
Use only in well-ventilated areas.

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:

108-88-3	Toluene	21.82%
74-98-6	propane	13.85%
64742-89-8	Solvent naphtha (petroleum), light aliphatic	9.75%
64742-49-0	Naphtha (petroleum), hydrotreated light	8.52%
106-97-8	n-butane	8.14%
142-82-5	heptane	7.87%
14807-96-6	Talc	3.92%
67-64-1	Acetone	2.55%
7429-90-5	Aluminum flake	2.52%
1330-20-7	xylene (mix)	2.45%
108-65-6	PM acetate	1.7%

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.

After swallowing: Contact physician or poison control center.

SECTION 5 — FIREFIGHTING MEASURES

Extinguishing agents: CO_2, 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:	
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
74-98-6 propane	
PEL	1800 mg/m³, 1000 ppm
REL	1800 mg/m³, 1000 ppm
TLV	Varies mg/m³, 1000 ppm
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
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

SECTION 8 — EXPOSURE CONTROLS/PERSONAL PROTECTION (CONT.)

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
7429-90-5 Aluminum flake	
PEL	15* 5** mg/m³ *total dust **respirable fraction
REL	10* 5** mg/m³ Metal, insol.compds.:*total dust**resp. fraction
TLV	1* mg/m³ *as respirable fraction
1330-20-7 xylene (mix)	
PEL	435 mg/m³, 100 ppm
REL	Short-term value: 655 mg/m³, 150 ppm Long-term value: 435 mg/m³, 100 ppm
TLV	Short-term value: 651 mg/m³, 150 ppm Long-term value: 434 mg/m³, 100 ppm BEI
108-65-6 PM acetate	
WEEL	50 ppm
8052-41-3 Stoddard Solvent	
PEL	2900 mg/m³, 500 ppm
REL	Short-term value: C 1800* mg/m³ Long-term value: 350 mg/m³ *15-min
TLV	525 mg/m³, 100 ppm
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)
1330-20-7 xylene (mix)	
BEI	1.5 g/g creatinine Medium: urine Time: end of shift Parameter: Methylhippuric acids

SECTION 8 — EXPOSURE CONTROLS/PERSONAL PROTECTION (CONT.)

Hygienic protection: Keep away from foodstuffs and animal feed. Wash hands after use.

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 hygeine.

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: 1.7 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: 608.3 g/l / 5.08 lb/gl

VOC content (less exempt solvents): 77.5 %

MIR Value: 1.71

Solids content: 21.0 %

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 categories

IARC (International Agency for Research on Cancer)		
108-88-3	Toluene	3
14807-96-6	Talc	2B
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.

Ecotoxical 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
7429-90-5	Aluminum flake
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:

100-41-4	ethyl benzene

California Proposition 65 chemicals know 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:

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

ACGIH:

108-88-3	Toluene	A4
14807-96-6	Talc	A4
67-64-1	Acetone	A4
7429-90-5	Aluminum flake	A4
1330-20-7	xylene (mix)	A4

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

SECTION 15 — REGULATORY INFORMATION (CONT.)

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)
VOC: Volatile Organic Compounds (USA, EU)
ISO: International Organization for Standardization
DOT: US Department of Transportation
NFPA: National Fire Protection Association (USA)
HMIS: Hazardous Materials Identification System (USA)
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