# 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: WHITE**
**PART NUMBER: 74578**
**PRODUCT TYPE: THERMOPLASTIC ELASTOMER RESIN**

**DATE PREPARED: AUGUST 11, 2013**

**CHROMATE INDUSTRIAL CORPORATION**
**5250-A NAIMAN PARKWAY, SOLON, OH 44139 • (888) 567-2206**

## 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 | 14.35% |
| 74-98-6 | propane | 11.33% |
| 142-82-5 | heptane | 10.78% |
| 108-88-3 | Toluene | 10.72% |
| 67-64-1 | Acetone | 9.19% |
| 64742-89-8 | Solvent naphtha (petroleum), light aliphatic | 7.8% |
| 106-97-8 | n-butane | 6.66% |
| 64742-49-0 | Naphtha (petroleum), hydrotreated light | 5.27% |
| 13463-67-7 | titanium dioxide | 4.73% |
| 108-65-6 | PM acetate | 2.83% |
| 1330-20-7 | xylene (mix) | 1.75% |
| 64742-47-8 | Mineral Spirits | 1.1% |

## 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:** 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:** | |
| **74-98-6 propane** | |
| PEL | 1800 mg/m³, 1000 ppm |
| REL | 1800 mg/m³, 1000 ppm |
| TLV | 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<br>Long-term value: 350 mg/m³, 85 ppm<br>*15-min |
| TLV | Short-term value: 2050 mg/m³, 500 ppm<br>Long-term value: 1640 mg/m³, 400 ppm |
| **108-88-3 Toluene** | |
| PEL | Short-term value: C 300; 500* ppm<br>Long-term value: 200 ppm<br>*10-min peak per 8-hr shift |
| REL | Short-term value: 560 mg/m³, 150 ppm<br>Long-term value: 375 mg/m³, 100 ppm |
| TLV | 75 mg/m³, 20 ppm<br>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<br>Long-term value: (1188) NIC-475 mg/m³, (500) NIC-200 ppm<br>BEI |

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

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

| | |
|---|---|
| **106-97-8 n-butane** | |
| REL | 1900 mg/m³, 800 ppm |
| TLV | Short-term value: NIC-2370 mg/m³, NIC-1000 ppm<br>Long-term value: (Varies) mg/m³, (1000) ppm |
| **108-65-6 PM acetate** | |
| WEEL | 50 ppm |
| **1330-20-7 xylene (mix)** | |
| PEL | 435 mg/m³, 100 ppm |
| REL | Short-term value: 655 mg/m³, 150 ppm<br>Long-term value: 435 mg/m³, 100 ppm |
| TLV | Short-term value: 651 mg/m³, 150 ppm<br>Long-term value: 434 mg/m³, 100 ppm<br>BEI |
| **Ingredients with biological limit values:** | |
| **108-88-3 Toluene** | |
| BEI | 0.02 mg/L<br>Medium: blood<br>Time: prior to last shift of workweek<br>Parameter: Toluene<br><br>0.03 mg/L<br>Medium: urine<br>Time: end of shift<br>Parameter: Toluene<br><br>0.3 mg/g creatinine<br>Medium: urine<br>Time: end of shift<br>Parameter: o-Cresol with hydrolysis (background) |
| **67-64-1 Acetone** | |
| BEI | 50 mg/L<br>Medium: urine<br>Time: end of shift<br>Parameter: Acetone (nonspecific) |
| **1330-20-7 xylene (mix)** | |
| BEI | 1.5 g/g creatinine<br>Medium: urine<br>Time: end of shift<br>Parameter: Methylhippuric acids |

**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 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.

## SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES (CONT.)

**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:** 562.3 g/l / 4.69 lb/gl

**VOC content (less exempt solvents):** 59.8 %

**MIR Value:** 1.15

**Solids content:** 30.8 %

**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 |
| 13463-67-7 | titanium dioxide | 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<br>AEROSOLS, flammable |
| **Class** | 2.1 | **Marine pollutant:** | Yes<br>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:**

| | |
|---|---|
| 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:**

| | | |
|---|---|---|
| 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 |
| 13463-67-7 | titanium dioxide | A4 |
| 1330-20-7 | xylene (mix) | A4 |

**NIOSH:**

| | |
|---|---|
| 13463-67-7 | titanium dioxide |

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