



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: SCREW GRAB™

DATE PREPARED: MAY 1, 2011

PART NUMBER: 74562

CHROMATE INDUSTRIAL CORPORATION

CHEMICAL FORMULATION: MIXTURE OF WATER AND SILICONE CARBIDE

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SECTION 2 — HAZARDOUS INGREDIENTS / INFORMATION

HAZARDOUS COMPONENTS	CAS. #	OSHA PEL	ACGIH TLV	% OR RANGE
NONE				

SECTION 2B — HAZARDOUS INGREDIENTS / INFORMATION

PRODUCT USE: Friction Gel, Aid in the tightening or removal of fasteners

COMPOSITION: Mixture of Water and Silicone Carbide

CHEMICAL NAME	CAS. #	% OR RANGE
WATER	77-32-18-5	30-40
SILICON CARBIDE	409-21-2	60-70
PROPRIETARY	N/A	10-20

SECTION 3 — PHYSICAL / CHEMICAL CHARACTERISTICS

PHYSICAL FORM: Liquid Gel

SOLIDS CONTENT: 60-70%

COLOR: Blue/Gray

SPECIFIC GRAVITY: 1.24g/cm³@68°F

ODOR: N/A

PARTICLE RANGE: N/A, range

BOILING POINT: 18, @ 20°C

VAPOR PRESSURE (mm Hg): @ 20°C 18 mmHg

MELTING/FREEZING POINT: 0°C

SECTION 4 — FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: NONE

IGNITION POINT: N/A

EXTINGUISHING MEDIA: Use CO₂ foam, dry chemical or water fog.

SPECIAL FIRE-FIGHTING PROCEDURES: Use eye protection. Use self-containing breathing apparatus while in confined areas.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None Known.

SECTION 5 — REACTIVITY DATA

CONDITIONS TO AVOID: Keep from freezing.

INCOMPATIBILITY: None Known.

THERMAL DECOMPOSITION: None.

CORROSIVE PROPERTIES: Not Corrosive.

OXIDIZER PROPERTIES: Not an oxidizer.

OTHER REACTIVITY DATA : None known.

N/A — NOT APPLICABLE

N/D — NOT DETERMINED

N/E — NONE ESTABLISHED

N/R — NOT REGULATED

N/L — NOT LISTED

SECTION 6 — HEALTH HAZARD DATA**HEALTH HAZARDS (ACUTE AND CHRONIC)**

SIGNS AND SYMPTOMS OF EXPOSURE: None expected. Possible redness or mild transient irritation of the skin may occur in sensitive individuals. May be irritating in eyes.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

SKIN CONTACT: Wash with soap and water. If irritation occurs, consult physician.

EYE CONTACT: Flush with tepid water 15 minutes, holding eyelids apart. Do not rub eyes, as may be abrasive or scratch eye surface. For continued eye irritation, contact physician.

CHEMICALS LISTED AS CARCINOGEN OR POTENTIAL CARCINOGEN: NONE

EMERGENCY AND FIRST AID PROCEDURES: N/A

ROUTE(S) OF ENTRY:

INHALATION: Fresh Air.

INGESTION: Consult Physician. Treat symptomatically.

SECTION 7 — PRECAUTIONS FOR SAFE-HANDLING AND USE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Use normal storage and handling. Protect from freezing.

SHELF-LIFE: Unlimited if unopened from original seal.

WASTE DISPOSAL METHOD: Product is Biodegradable. Recommend large amounts be disposed in sanitary landfill in accordance with Federal, State & Local Laws.

OTHER PRECAUTIONS: *KEEP OUT OF REACH OF CHILDREN.*

ENVIRONMENTAL DATA: General: This material is not regulated by RCRA or CERCLA "Super Fund".

TOXICITY DATE: None known.

SPILL OR LEAK: Wipe with rags and place in disposal container.

SECTION 8 — CONTROL MEASURES

RESPIRATORY PROTECTION (SPECIFY TYPE): Not required for normal intended use.

VENTILATION:

LOCAL EXHAUST: (50) fpm **MECHANICAL (GENERAL):** (50) fpm Special - None

PROTECTIVE GLOVES: None required.

EYE PROTECTION: Sufficient to prevent contact.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Not required for normal intended use.

SECTION 9 — REGULATORY INFORMATION

GENERAL: Not regulated. This product is not hazardous according to the OSHA Hazard Communication Standard.

HAZARD RATINGS:

HMS RATING: **HEALTH: 0** **FIRE: 0** **REACTIVITY: 0** **SPECIAL: N/A**

SECTION 10 — TRANSPORTATION INFORMATION

DOT SHIPPING NAME: Not regulated by DOT.

UN NUMBER: None

DOT HAZARD CLASS: None

DOT LABELS REQUIRED: None

SECTION 11 — OTHER INFORMATION

This information is accurate to the best knowledge of CHROMATE INDUSTRIAL CORPORATION (CIC), or obtained from sources believed by CIC to be accurate. Because many factors may affect processing or application/use, we recommend that you make a test to determine the suitability of this product for your particular purpose prior to use. No warranties of any kind, either expressed or implied, including warranties of merchantability or fitness for a particular purpose, are made regarding products described or design, data or information set forth.