




SAFETY DATA SHEET

1. Product and Company Identification

PRODUCT NUMBER:	2704	COMPANY PHONE:	1-800-241-8180
PRODUCT NAME:	EXTREME	EMERGENCY TELEPHONE:	1-800-241-8180
PRODUCT DESCRIPTION:	Anti-Seize Compound With Brush-Top Applicator	INFOTRAC:	1-800-535-5053
COMPANY INFORMATION:	PRO CHEM, INC. 1475 Bluegrass Lakes Parkway Alpharetta, GA 30004		

2. Hazards Identification

GHS CLASSIFICATION: Eye irritation: Category 2A	SIGNAL WORD: WARNING	SYMBOL:	
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HAZARD STATEMENTS:
Causes serious eye irritation.

PRECAUTIONARY STATEMENTS:
Prevention:
Wash skin thoroughly after handling.
Wear eye protection/face protections.
Response: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Disposal: Dispose of contents/container in accordance with local regulation.

3. Composition / Information on Ingredients

CHEMICAL NAME	CAS	Concentration % by Weight
Distillates (petroleum), hydrotreated heavy naphthenic	64742-52-5	>= 10 - < 20
Graphite	7782-42-5	>= 5 - < 10
Aluminium	7429-90-5	>= 1 - < 5
Stoddard solvent	8052-41-3	>= 1 - < 5
quartz (SiO ₂)	14808-60-7	>= 0.1 - < 1

4. First Aid Measures

EMERGENCY OVERVIEW
GENERAL: Move out of dangerous area. Show this safety data sheet to the doctor in attendance. Do not leave the victim unattended.

EYES: If in eyes, rinse with water for 15 minutes. Remove contact lenses. Protect unharmed eye. Keep eye wide open while rinsing. If eye irritation persists, consult a specialist.

SKIN: Wash off immediately with plenty of water for at least 15 minutes. If on skin, rinse well with water. If on clothes, remove clothes.

INHALATION:
If unconscious, place in recovery position and seek medical advice. If symptoms persist, call a physician.

INGESTION:
Keep respiratory tract clear. DO NOT induce vomiting unless directed to do so by a physician or poison control center. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician.

5. Fire Fighting Measures

SUITABLE FIRE EXTINGUISHING MEDIA:
Water spray jet. Carbon dioxide (CO₂). Alcohol-resistant foam. Dry chemical.

UNSUITABLE FIRE EXTINGUISHING MEDIA:
High volume water jet.

HAZARDOUS COMBUSTION PRODUCTS:
Carbon dioxide (CO₂) Carbon monoxide Smoke.

SPECIFIC FIRE-FIGHTING METHODS:
Do not allow run-off from firefighting to enter drains or watercourses. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS:
Wear self-contained breathing apparatus for firefighting, if necessary.

ENVIRONMENTAL PRECAUTIONS AND CLEAN-UP METHODS:
Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

6. Accidental Release Measures

PERSONAL PRECAUTIONS:
Use personal protective equipment. Ensure adequate ventilation. Evacuate personnel to safe areas.

ENVIRONMENTAL PRECAUTIONS AND CLEAN-UP METHODS:
Prevent product from entering drains. Prevent further leakage or spillage, if safe to do so. If the product contaminates rivers and lakes or drains inform respective authorities. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Keep in suitable, closed containers for disposal.

7. Handling and Storage

SAFE HANDLING:

Do not breathe vapours/dust. Avoid contact with skin and eyes. For personal protection see Section 8. Smoking, eating and drinking should be prohibited in the application area. Dispose of rinse water in accordance with local and national regulations.

CONDITIONS FOR SAFE STORAGE:

Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Electrical installations/working materials must comply with the technological safety standards.

MATERIALS TO AVOID:

Oxidizing agents.

8. Exposure Controls / Personal Protection

Components	CAS #	Value Type (form of exposure)	Control Parameters/Permissible Concentration	Basis
Distillates (petroleum), hydrotreated heavy naphthenic	64742-52-5	TWA (Mist)	5 mg/m ³	OSHA Z-1
graphite	7782-42-5	TWA (Inhalable fraction)	5 mg/m ³	ACGIH
		TWA (Respirable)	2.5 mg/m ³	NIOSH REL
aluminum	7429-90-5	TWA (Dust)	15 Million particles per cubic foot	OSHA Z-3
		TWA (Respirable)	5 mg/m ³	NIOSH REL
		TWA (total)	10 mg/m ³	NIOSH REL
		TWA (total dust)	15 mg/m ³	OSHA Z-1
Stoddard solvent	8052-41-3	TWA (respirable fraction)	5 mg/m ³	OSHA Z-1
		TWA	100 ppm	ACGIH
		TWA	350 mg/m ³	NIOSH REL
		C	1,800 mg/m ³	NIOSH REL
		TWA	500 ppm	OSHA Z-1
		TWA	2,900 mg/m ³	
		TWA	100 ppm	OSHA P0
		TWA	525 mg/m ³	
		TWA (total dust)	30 mg/m ³ / %SiO ₂ +2	OSHA Z-3
		TWA (respirable)	10 mg/m ³ / %SiO ₂ +2	OSHA Z-3
		TWA (respirable)	250 mppcf / %SiO ₂ +5	OSHA Z-3
		TWA (Respirable dust)	0.05 mg/m ³	NIOSH REL

PERSONAL PROTECTIVE EQUIPMENT:



EYE PROTECTION: Ensure that eyewash stations and safety showers are close to the workstation location. Tightly fitting safety goggles. Wear face-shield and protective suit for abnormal processing problems.

SKIN PROTECTION: The suitability for a specific workplace should be discussed with the producers of the protective gloves. Impervious clothing. Choose body protection according to the amount and concentration of the dangerous substance at the workplace.

RESPIRATORY PROTECTION: In case of insufficient ventilation, wear suitable respiratory equipment.

HYGIENE MEASURES: When using, do not eat or drink. When using, do not smoke. Wash hands before breaks and at the end of workday.

9. Physical & Chemical Properties

APPEARANCE:	Gel.	FLASH POINT:	204.44°C
Color:	Silver, metallic.	EVAPORATION RATE:	No data available.
ODOR:	Oily.	Explosive Limit – lower (%):	No data available.
ODOR THRESHOLD:	No data available.	Explosive Limit – upper (%):	No data available.
pH:	Not applicable.	VAPOR PRESSURE:	No data available.
MELTING/FREEZING POINT:	No data available.	DENSITY:	0.8 g/cm ³
BOILING POINT:	No data available.	RELATIVE VAPOR DENSITY:	12(Air = 1.0)
PARTITION COEFFICIENT (n-octanol/water):	No data available.	SOLUBILITY (water):	Negligible.
VISCOSITY (and kinematic):	No data available.	AUTO-IGNITION TEMP:	Not determined.
SOLUBILITY (in other solvents):	Not determined.	THERMAL DECOMPOSITION:	No data available.

10. Stability & Reactivity Information

REACTIVITY:

Stable.

CHEMICAL STABILITY:

Stable under normal conditions.

POSSIBILITY OF HAZARDOUS REACTIONS:

No decomposition if stored and applied as directed.

INCOMPATIBLE MATERIALS:

Oxygen.

CONDITIONS TO AVOID:

No data available.

DECOMPOSITION PRODUCTS:

Carbon monoxide and Carbon dioxide (CO₂).

11. Toxicological Information

ACUTE TOXICITY:

PRODUCT: Acute oral toxicity: Acute toxicity estimate: > 5,000 mg/kg. Method: Calculation method.

COMPONENTS	SPECIES	TEST RESULTS
Distillates (petroleum), hydrotreated heavy naphthenic:		
Acute <i>Dermal</i> LD50	Rabbit	> 5,000 mg/kg
<i>Inhalation</i> LC50	Rat	> 5 mg/l. Exposure time: 4 h
<i>Oral</i> LD50	Rat	> 5,000 mg/kg
aluminum		
Acute <i>Inhalation</i> LC50	Rat	> 0.888 mg/l. Exposure time: 4 h
<i>Oral</i> LD50	Rat	> 15,900 mg/kg
SKIN CORROSION/IRRITATION: May cause skin irritation and/or dermatitis.		
SERIOUS EYE DAMAGE/EYE IRRITATION: Irritating to eyes.		
RESPIRATORY OR SKIN SENSITIZATION: No data available.		
GERM CELL MUTAGENICITY: No data available.		
CARCINOGENICITY: IARC: Group 1: Carcinogenic to humans. Quartz (SiO ₂) 14808-60-7 ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH. OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA. NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by NTP.		
REPRODUCTIVE TOXICITY: No data available.		
Distillates (petroleum), hydrotreated heavy naphthenic: graphite: aluminum: Stoddard solvent: quartz (SiO₂):		
STOT - single exposure: No data available.		
STOT - repeated exposure: No data available.		
ASPIRATION TOXICITY: No data available.		
FURTHER INFORMATION: No data available.		

12. Ecological Information

ECOTOXICITY:

No data available.

PERSISTENCE AND DEGRADABILITY:

No data available.

BIOACCUMULATIVE POTENTIAL:

No data available.

Partition coefficient: n-octanol/water: No data available.

MOBILITY IN SOIL:

No data available.

OTHER ADVERSE EFFECTS:

No data available.

Regulation: 40 CFR Protection of Environment; Part 82 Protection of Stratospheric Ozone - CAA Section 602 Class I Substances

Remarks: This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

ADDITIONAL ECOLOGICAL INFORMATION:

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Harmful to aquatic life with long lasting effects.

13. Disposal Consideration

WASTE FROM RESIDUES:

The product should not be allowed to enter drains, watercourses or the soil. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of in accordance with local regulations.

CONTAMINATED PACKAGING:

Empty remaining contents. Dispose of as unused product. Do not reuse empty containers.

14. Transportation Information**Transportation Regulation: 49 CFR (USA):**

NOT REGULATED AS DANGEROUS GOODS OR HAZARDOUS MATERIAL.

Transportation Regulation: IMDG (Vessel):

NOT REGULATED AS DANGEROUS GOODS OR HAZARDOUS MATERIAL

Transportation Regulation: IATA (Cargo Air):

NOT REGULATED AS DANGEROUS GOODS OR HAZARDOUS MATERIAL

Transportation Regulation: IATA (Passenger Air):

NOT REGULATED AS DANGEROUS GOODS OR HAZARDOUS MATERIAL

Transportation Regulation: TDG (Canada):

NOT REGULATED AS DANGEROUS GOODS OR HAZARDOUS MATERIAL

15. Regulatory Information**EPCRA - Emergency Planning and Community Right-to-Know Act****CERCLA Reportable Quantity**

This material does not contain any components with a CERCLA RQ.

SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

SARA 311/312 HAZARDS:

Acute Health Hazard.

SARA 302:

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313:

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

CALIFORNIA PROP 65:

WARNING! This product contains a chemical known to the State of California to cause cancer.

quartz (SiO₂) 14808-60-7**The components of this product are reported in the following inventories:****TSCA:** On TSCA Inventory.**DSL:** This product contains one or several components that are not on the Canadian DSL nor NDSL. Not in compliance with the inventory.**AICS:** Not in compliance with the inventory.**NZIoC:** Not in compliance with the inventory.**PICCS:** Not in compliance with the inventory.**IECSC:** Not in compliance with the inventory.**Inventory Acronym and Validity Area Legend:** AICS (Australia), DSL (Canada), IECSC (China), REACH (European Union), ENCS (Japan), ISHL (Japan), KECl (Korea), NZIoC (New Zealand), PICCS (Philippines), TSCA (USA)**16. Other Information****N/A = Not Applicable; N/D = Not Determined**

NFPA	Health Hazards: 2	Flammability: 1	Instability: 0	Physical & Chemical Properties:
HMIS	Health Hazards: 2	Flammability: 1	Physical hazards: 0	Personal protection:

DISCLAIMER:

To the best of our knowledge, information contained herein is accurate. However, there is no assumption of liability for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazard, which exists. The information contained in this SDS was obtained from current and reliable sources; however, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions or handling, storage and disposal of this product are beyond the control of the manufacturer, the manufacturer will not be responsible for loss, injury, or expense arising out of the products improper use. No warranty, expressed or inferred, regarding the product described in this SDS shall be created or inferred by any statement in this SDS. Various government agencies may have specific regulations regarding the transportation, handling, storage, use, or disposal of this product, which may not be covered by this SDS. The user is responsible for full compliance.