







# SAFETY DATA SHEET

## 1. Product and Company Identification

<b>PRODUCT NUMBER:</b>	109951	<b>COMPANY PHONE:</b>	1-800-241-8180
<b>PRODUCT NAME:</b>	ZINK PROOF	<b>EMERGENCY TELEPHONE:</b>	1-800-535-5053
<b>PRODUCT DESCRIPTION:</b>	Aerosol Cold Zinc Galvanizing Compound	<b>INFOTRAC:</b>	1-800-535-5053
<b>COMPANY INFORMATION:</b>	<b>PRO CHEM, INC.</b> 1475 Bluegrass Lakes Parkway Alpharetta, GA 30004		

## 2. Hazards Identification

<b>GHS CLASSIFICATION:</b> Flammable Aerosol: Category 1 Liquefied Gas Skin Irritant: Category 2 Eye Irritant: Category 2A Specific Target Organ Toxicity (Single Exposure): Category 3 Specific Target Organ Toxicity (Repeated Exposure): Category 2 Aspiration Hazard: Category 1 Carcinogenicity: Category 2	<b>SIGNAL WORD:</b> <b>DANGER</b>	<b>SYMBOL:</b>				
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### HAZARD STATEMENTS:

Extremely Flammable Aerosol. Contains gas under pressure: May explode if heated. Causes skin and serious eye irritation. May cause drowsiness or dizziness. May cause damage to organs through prolonged or repeated exposure. May be fatal if swallowed and enters airways. Suspected of causing cancer. This product contains the following percentage of chemicals of unknown toxicity: 0%

### PRECAUTIONARY STATEMENTS:

**Prevention:** Keep away from heat, sparks, open flames, and hot surfaces. No smoking. Do not spray on an open flame or other ignition source. Pressurized Container: Do not pierce or burn, even after use. Wash hands thoroughly after handling. Wear protective gloves and eye protection.  
**Response:** IF ON SKIN: Wash with plenty of water. If skin irritation occurs: Get medical attention. Take off contaminated clothing and wash before reuse. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention. Do not breathe fumes, mist, vapors, and spray. Do not eat, drink, or smoke when using this product. Use only outdoors or in a well-ventilated area. Get medical advice if you feel unwell. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a poison center or doctor if you feel unwell. IF SWALLOWED: Immediately call a poison center or doctor. Do NOT induce vomiting. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. If exposed or concerned: Get medical advice or attention.

**Storage:** Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Store in a well-ventilated place.

**Disposal:** Dispose of contents and container in accordance with local, state, and national regulations.

### HAZARDS NOT OTHERWISE SPECIFIED:

N/A

## 3. Composition / Information on Ingredients

Chemical Name	CAS	Concentration % by Weight
Heptane	142-82-5	10-30%
Acetone	67-64-1	7-13%
Propane/n-Butane	68476-86-8	15-40%
Xylene	1330-20-7	1-5%

## 4. First Aid Measures

### EMERGENCY OVERVIEW

**EYES:** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice or attention.

**SKIN:** Wash thoroughly with soap and water. Seek medical attention if irritation develops.

### INHALATION:

IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a poison center or doctor if you feel unwell.

### INGESTION:

IF SWALLOWED: Immediately call a poison center or doctor. Do NOT induce vomiting.

### ACUTE HEALTH HAZARDS:

**Eyes:** Redness, tearing, blurred vision

**Skin:** Defatting and dermatitis

**Inhalation:** Anesthetic, irritation, Central Nervous System depression

**Oral:** Abdominal irritation, nausea, vomiting, diarrhea and aspiration risk

### CHRONIC HEALTH HAZARDS:

Cardiac abnormalities, liver damage, kidney damage, central nervous system effects, dermatitis, liver abnormalities, lung damage

### NOTE TO PHYSICIAN:

If ingested, material may be aspirated into the lungs and cause chemical pneumonitis. Treat appropriately.

## 5. Fire-Fighting Measures

### EXTINGUISHING MEDIA:

Dry chemical, carbon dioxide, foam and water fog.

### UNSUITABLE EXTINGUISHING MEDIA:

Water spray/stream.

### SPECIAL FIRE FIGHTING PROCEDURES:

Wear full protective clothing and NIOSH approved SCBA with full facepiece operated in positive pressure or pressure demand. Use water mist to keep material cool in fire situations.

### UNUSUAL FIRE AND EXPLOSION HAZARDS:

Keep away from sparks, open flames and hot surfaces. No smoking. Do not spray on an open flame or other ignition source.

### HAZARDOUS COMBUSTION PRODUCTS:

Oxides of carbon

## 6. Accidental Release Measures

### PERSONAL PROTECTIVE EQUIPMENT:

Refer to section VIII for proper Personal Protective Equipment.

**SPILL:** Absorb with non-combustible material like vermiculite, sand or earth and rinse with small amount of soapy water. Do not allow to drain into sewers or storm drains. Dispose of in accordance with local, state and federal regulations.

### WASTE DISPOSAL:

Dispose of in accordance with federal, state and local regulations. Containers may be hazardous when empty.

### RCRA STATUS:

Waste likely considered hazardous under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

## 7. Handling and Storage

### HANDLING AND STORAGE:

Protect from sunlight. Store in a well-ventilated place. Do not expose to temperatures exceeding 50°C/122°F.

Pressurized Container: Do not pierce or burn, even after use. Store locked up.

### OTHER PRECAUTIONS:

Keep out of the reach of children.

### INCOMPATIBILITY:

Some plastics, strong oxidizing agents, acids, caustics, alkalis and chemically active metals.

## 8. Exposure Controls / Personal Protection

### OCCUPATIONAL EXPOSURE LIMITS:

HAZARDOUS INGREDIENT	OSHA PEL	ACGIH TLV
Heptane	500 ppm	400 ppm
Acetone	1000 ppm	500 ppm
Propane/n-Butane	1000 ppm	1000 ppm
Xylene	100 ppm	100 ppm

**PERSONAL PROTECTIVE EQUIPMENT:** Safety glasses and chemical resistant gloves



**Eye/Face Protection:** Safety glasses

**Skin Protection:** Chemical resistant gloves

**Respiratory Protection:** Not required with normal use. Wear NIOSH/MSHA approved respiratory protection if exposure limits are exceeded.

### ENGINEERING CONTROLS/VENTILATION:

Use only outdoors or in a well-ventilated area.

### ADDITIONAL MEASURES:

Wash hands thoroughly after handling. Do not breathe vapors. Do not eat, drink, or smoke while using product. Get medical attention if you feel unwell.

## 9. Physical & Chemical Properties

<b>Appearance:</b>	Gray Aerosol Spray	<b>Flammability(solid/gas):</b>	Extremely Flammable Aerosol
<b>Odor:</b>	Solvent odor	<b>Flammability Limit-lower (%):</b>	Not applicable
<b>Odor Threshold:</b>	Not determined	<b>Flammability Limit-upper (%):</b>	Not applicable
<b>pH:</b>	Not applicable	<b>Explosive Limit-Lower (%):</b>	Not determined
<b>Melting/Freezing Point:</b>	Not determined	<b>Explosive Limit-Upper (%):</b>	Not determined
<b>Initial Boiling Point/Range:</b>	Not determined	<b>Vapor Density (AIR=1):</b>	4.5
<b>Viscosity:</b>	14cps	<b>Vapor Pressure (mm Hg):</b>	Not determined
<b>Flash Point:</b>	Not determined	<b>Relative Density (H2O=1):</b>	1.23
<b>Evaporation Rate:</b>	>3 Fast	<b>Solubility(ies):</b>	Moderate
<b>Decomposition Temp:</b>	Not determined	<b>Partition Coeff(n-octanol/water) (KOW):</b>	Not determined

## 10. Stability & Reactivity Information

### REACTIVITY:

If exposed to strong oxidizers, presents explosion hazard.

### CHEMICAL STABILITY:

Stable

### POSSIBILITY OF HAZARDOUS REACTIONS:

None known.

**CONDITIONS TO AVOID:**

Temperatures greater than 122°F and sources of ignition.

**INCOMPATIBLE MATERIALS:**

Some plastics, strong oxidizing agents, acids, caustics, alkalis and chemically active metals.

**HAZARDOUS DECOMPOSITION PRODUCTS:**

Oxides of carbon

**11. Toxicological Information****TOXICOLOGICAL INFORMATION:**

**Acetone** (67-64-1) LD50 (Oral, Rat) 5800 mg/kg; LD50 (Oral, Mouse) 3000 mg/kg; LD50 (Oral, Rabbit) 5340 mg/kg; LC50 (Inhalation, Rat, 8hr) 50100 mg/m<sup>3</sup>; LC50 (Inhalation, Mouse, 4hr) 44,000 mg/m<sup>3</sup>

**Heptane** (142-82-5) LC50 (Inhalation, Rat): 103,000 mg/m<sup>3</sup>

**PRIMARY ROUTE OF ENTRY:** Eyes, Ingestion, Inhalation, Skin

**Eyes:** Causes moderate irritation, redness, tearing.

**Skin:** Brief contact is not irritating. May cause irritation, localized defatting, redness, itching with prolonged or repeated contact. Can be absorbed through the skin with prolonged and widespread contact.

**Inhalation:** Dizziness, headache, nausea, depression of central nervous system, prolonged exposure may lead to unconsciousness

**Ingestion:** May cause effects similar to those for inhalation exposure. Aspiration of material into the lungs may cause chemical pneumonitis, which may be fatal. May cause central nervous system depression. Causes gastrointestinal irritation, headaches, nausea, diarrhea, vomiting, abdominal cramps.

**MEDICAL CONDITION AGGRAVATED:** None known.**ACUTE HEALTH HAZARDS:**

**Eyes:** Redness, tearing, blurred vision

**Skin:** Defatting and dermatitis

**Inhalation:** Anesthetic, irritation, Central Nervous System depression

**Oral:** abdominal irritation, nausea, vomiting, diarrhea and aspiration risk

**CHRONIC HEALTH HAZARDS:**

Cardiac abnormalities, liver damage, kidney damage, central nervous system effects, dermatitis, liver abnormalities, lung damage

**CARCINOGENICITY:**

**OSHA:** No      **ACGIH:** No      **NTP:** No      **IARC:** No      **OTHER:** CA Prop 65

**12. Ecological Information****ECOTOXICITY:**

**Acetone** (67-64-1) LC50 (Trout, 96hr) 5540 mg/L; LC50 (Bluegill, 96hr) 8300 mg/L; LC50 (Fathead Minnow, 96hr) 7500 mg/L

**PERSISTENCE AND DEGRADABILITY:**

Component or components of this product are not biodegradable.

**BIOACCUMULATIVE POTENTIAL:**

This product is not expected to bioaccumulate.

**MOBILITY IN SOIL:**

This product is mobile in soil.

**OTHER ADVERSE EFFECTS:**

This material is toxic to aquatic life.

**13. Disposal Consideration****WASTE DISPOSAL:**

Dispose of in accordance with federal, state, and local regulations. Containers may be hazardous when empty.

**RCRA STATUS:**

Waste likely considered hazardous under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

**14. Transportation Information**

**DOT:** **PROPER SHIPPING NAME:** Aerosols, Ltd. Qty.

**HAZARD CLASS/DIVISION:** 2.1

**UN/NA NUMBER:** UN 1950

**PACKING GROUP:** N/A

**IATA:** **PROPER SHIPPING NAME:** Aerosols, Ltd. Qty.

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**IMDG:** **PROPER SHIPPING NAME:** Aerosols, Ltd. Qty.

**HAZARD CLASS/DIVISION:** 2.1

**UN/NA NUMBER:** UN 1950

**PACKING GROUP:** N/A

**ENVIRONMENTAL HAZARDS WATER:** Marine Pollutant

**15. Regulatory Information**

**TSCA STATUS:** All Chemicals are listed or exempt.

**CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT):** **Acetone** (67-64-1) Reportable Quantity = 5,000 lbs

**Xylenes** (1330-20-7) Reportable Quantity = 100 lbs

**SARA 311/312 HAZARD CATEGORIES:** Fire Hazard

**SARA 313 REPORTABLE INGREDIENTS:** Xylenes - 1330-20-7

**STATE REGULATIONS:**

Heptane (142-82-5) California Director's List of Hazardous Substances, Connecticut hazardous material survey, Illinois toxic substances disclosure to employee act, New Jersey RTK, Massachusetts RTK, Minnesota RTK, Pennsylvania RTK, Rhode Island RTK This product can expose you to chemicals including Ethylbenzene, which is known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov) <<http://www.P65Warnings.ca.gov>>.

**INTERNATIONAL REGULATIONS:** All components are listed or exempted.  
**VOLATILE ORGANIC COMPOUNDS (VOC):** 58%

#### **16. Other Information**

N/A = Not Applicable; N/D = Not Determined

**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.