

Safety Data Sheet

Section 1: Identification

- **Product Identifier:** 309A Spray Galv
- **Other Means of Identification:** Zinc-rich galvanizing spray, aerosol corrosion protection coating
- **Recommended Use:** Protective coating for metal surfaces; used in welding, fabrication, and metalworking
- **Restrictions on Use:** For industrial and professional use only. Not for consumer or residential use.
- **Manufacturer:**
Inweld Corporation
3962 Portland Street
Coplay, PA 18037
UNITED STATES
- **Telephone Number (General Information):** (800) 346-5368
- **Emergency Telephone Number (24/7 CHEMTREC):** (800) 424-9300

Section 2: Hazard(s) Identification

Classification (GHS):

- Flammable Aerosol – Category 1
- Eye Irritation – Category 2A
- STOT (Single Exposure) – Category 3 (Narcotic effects)
- Aspiration Hazard – Category 1

Signal Word: DANGER

Hazard Statements:

- H222: Extremely flammable aerosol

- H319: Causes serious eye irritation
- H336: May cause drowsiness or dizziness
- H304: May be fatal if swallowed and enters airways

Precautionary Statements:

- P210: Keep away from heat/sparks/open flames/hot surfaces. No smoking
- P251: Pressurized container: Do not pierce or burn, even after use
- P271: Use only outdoors or in a well-ventilated area
- P280: Wear protective gloves/eye protection
- P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing
- P312: Call a POISON CENTER or doctor if you feel unwell
- P301+P310: IF SWALLOWED: Immediately call a POISON CENTER or doctor
- P331: Do NOT induce vomiting
- P410+P412: Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F
- P501: Dispose of contents/container in accordance with local/regional/national/international regulations

GHS Pictograms:



Section 3: Composition/Information on Ingredients

Ingredient CAS No. ACGIH TLV (ppm) OSHA PEL (ppm) Vapor Pressure (mm Hg)

Acetone	67-64-1	500	1000	231
Xylene	1330-20-7	100	100	6.7
Butane	106-97-8	800	800	760

Ingredient CAS No. ACGIH TLV (ppm) OSHA PEL (ppm) Vapor Pressure (mm Hg)

Propane 74-98-6 2500 1000 760

Zinc Dust 7440-66-6 Not Available Not Available Not Available

- **VOC Content:** 78% by weight

Section 4: First-Aid Measures

Inhalation: Remove to fresh air. If breathing is difficult, give oxygen. Get medical attention if symptoms persist.

Skin Contact: Wash thoroughly with soap and water. Remove contaminated clothing. Seek medical attention if irritation develops.

Eye Contact: Rinse immediately with plenty of water for at least 15 minutes. Remove contact lenses if present and easy to do. Continue rinsing. Seek medical attention.

Ingestion: Do NOT induce vomiting. Rinse mouth. Seek immediate medical attention. Aspiration hazard – may enter lungs and cause chemical pneumonitis.

Section 5: Fire-Fighting Measures

Extinguishing Media:

- Suitable: Dry chemical, carbon dioxide, foam
- Unsuitable: Do not use water stream – may spread fire

Hazardous Combustion Products: Carbon monoxide, carbon dioxide, metal oxides, and irritating fumes

Special Protective Equipment: Wear self-contained breathing apparatus (SCBA) and full protective gear in fire conditions.

Firefighting Instructions: Cool exposed containers with water spray to prevent explosion.

Section 6: Accidental Release Measures

- Eliminate all ignition sources.
- Provide adequate ventilation.

- Absorb with inert material (e.g., sand, earth). Do not allow product to enter drains or watercourses.
- Use non-sparking tools and equipment.
- Dispose of waste in accordance with local regulations.

Section 7: Handling and Storage

Handling:

- Avoid breathing vapors/spray.
- Use with adequate ventilation.
- Do not spray on hot surfaces or open flames.
- Do not puncture or incinerate containers.

Storage:

- Store in cool, dry, well-ventilated area away from ignition sources.
- Protect from direct sunlight.
- Do not store above 50°C (122°F).

Section 8: Exposure Controls/Personal Protection

Engineering Controls:

- Provide adequate general and local exhaust ventilation.

Personal Protective Equipment:

- **Eye/Face Protection:** Safety goggles or face shield
- **Skin Protection:** Chemical-resistant gloves
- **Respiratory Protection:** Use NIOSH-approved respirator if ventilation is inadequate
- **Clothing:** Protective clothing to avoid contact with skin

HMIS Ratings:

- Health: 2

- Flammability: 3
- Reactivity: 0
- Personal Protection: B

Section 9: Physical and Chemical Properties

- **Appearance:** Gray aerosol
- **Odor:** Solvent-like
- **Odor Threshold:** Not determined
- **pH:** Not applicable
- **Melting/Freezing Point:** Not determined
- **Boiling Point:** ~ -44°C to 56°C (propellant range)
- **Flash Point:** < -18°C (propellant)
- **Evaporation Rate:** Fast
- **Flammability:** Extremely flammable
- **Upper/Lower Flammability Limits:** Not determined
- **Vapor Pressure:** See Section 3
- **Vapor Density:** Heavier than air
- **Solubility:** Slightly soluble in water
- **VOC Content:** 78% by weight

Section 10: Stability and Reactivity

- **Stability:** Stable under normal conditions
- **Conditions to Avoid:** Heat, flames, sparks, ignition sources
- **Incompatible Materials:** Strong oxidizers, acids, alkalis
- **Hazardous Decomposition Products:** Carbon monoxide, carbon dioxide, zinc oxides, hydrocarbons

Section 11: Toxicological Information

Likely Routes of Exposure: Inhalation, skin and eye contact, ingestion

Symptoms: Drowsiness, dizziness, eye irritation, nausea, headache, skin dryness

Aspiration Hazard: Yes – may cause lung damage if ingested

Carcinogenicity:

- Xylene: Not classified as carcinogenic by IARC, NTP, or OSHA
- Zinc Dust: Not classified as carcinogenic

Section 12: Ecological Information

Ecotoxicity: Harmful to aquatic life with long-lasting effects.

Persistence & Degradability: Not readily biodegradable

Bioaccumulation: Not determined

Mobility in Soil: Moderate volatility

Section 13: Disposal Considerations

- Dispose of product and container in accordance with all local, regional, and federal regulations.
- Do not incinerate aerosol cans.

Section 14: Transport Information

DOT (US):

- UN Number: UN1950
- Proper Shipping Name: Aerosols, flammable
- Hazard Class: 2.1
- Packing Group: Not applicable
- ERG Code: 126

Section 15: Regulatory Information

- **OSHA Hazardous:** Yes
- **TSCA (Toxic Substances Control Act):** All components listed
- **SARA 313:** Xylene (CAS 1330-20-7) – subject to reporting
- **California Prop 65:** This product may contain chemicals known to the State of California to cause cancer or reproductive harm.

Section 16: Other Information

- **NFPA Ratings:**
 - Health: 2
 - Flammability: 3
 - Reactivity: 0

Prepared By: Inweld Corporation – Safety Compliance Department

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