MATERIAL SAFETY DATA SHEET

1. American Polywater Corporation
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Product Name: CG™ Cold Galvanize Aerosol (CG-13)

Date Reviewed: May 16, 2007
Reviewed By: S. H. Dahlke

Emergency Number: 1-651-430-2270

2. HAZARDOUS INGREDIENTS

Components*	CAS #	Weight %	ACGIH TLV	OSHA TWA
Zinc; Zinc Dust	7440-66-6	<45	10 mg/m^3 (as dust)	5 mg/m^3
2-Butanone, Methyl Ethyl Ketone	78-93-3	<30	200 ppm	200 ppm
Xylene (Mixed Isomers)	1330-20-7	<10	100 ppm	100 ppm
EthylBenzene (Component of Xylene)	100-41-4	<3	100 ppm	100 ppm
Petroleum Distillate, VM&P Naphtha	64742-89-8	<2	300 ppm	300 ppm
Propane	74-98-6	<20	asphyxiant	1000 ppm

* All components are TSCA listed.

3. HAZARDS IDENTIFICATION

*****Emergency Overview*****

Zinc-Containing Aerosol coating.

Extremely flammable. Contents under pressure. Do not expose can to direct sunlight. Keep away from fire and flame. Use with adequate ventilation, vapors may be irritating to the respiratory system and have an anesthetic effect. Do not ingest. Avoid contact with skin. In case of eye contact, flush eyes with water. Keep out of reach of children.

Eye Contact: Direct eye contact with vapors or aerosols may cause eye irritation.
Skin Contact: Skin irritant. Prolonged or repeated skin exposure can remove oils, causing redness, drying and cracking. Persons with pre-existing skin disorders may be more susceptible to skin irritation from this material.
Inhalation (Breathing): May cause respiratory irritation, headache, nausea, fatigue, drowsiness, impaired coordination, central nervous system depression or heart arrhythmia. Narcotic in high concentration.
Ingestion (Swallowing): Not a likely route of exposure. Content is an aspiration hazard. Seek medical attention.
Carcinogenic Status: This substance has not been identified as a carcinogen or probable carcinogen by NTP, IARC or OSHA, nor have any of its components.
Medical Conditions Generally Aggravated by Exposure: Acute and chronic liver and kidney disease, anemia, coronary disease or rhythm disorders of the heart.

4. FIRST AID

Eye Contact: If eye irritation from exposure to vapors develops, move to fresh air. Flush eyes with clean water. If irritation persists, seek medical attention. For direct eye contact, flush with large quantity of water for 15 minutes. Seek medical attention.
Skin Contact: Wash with soap and water. Remove contaminated clothing; flush skin thoroughly with water. If irritation occurs, seek medical attention.
Inhalation (Breathing): If irritation of nose or throat develops, move to fresh air. If irritation persists, seek medical attention. If breathing is difficult, provide oxygen. If not breathing, give artificial respiration. Seek immediate medical attention.
Ingestion (Swallowing): Do not induce vomiting or give anything by mouth. Petroleum content can be aspirated into lungs and cause aspiration pneumonitis. If victim is drowsy or unconscious, place on the left side with head down. Do not leave victim unattended. Seek medical attention.

5. FIRE AND EXPLOSION HAZARD

Flash Point: -156°F / -104°C(Estimated for Aerosol)
Flammable Limits: LEL: 1.0 UEL: 10.0
Extinguishing Media: Dry chemical, foam, CO_2, or water fog.
Special Procedures: Water spray may be ineffective. Wear full protective clothing, including self-contained, positive pressure or pressure-demand breathing apparatus. Cool with water spray to help prevent aerosol overpressurization and container failure.

Unusual Hazards: Flammable aerosol product. Closed containers may explode and discharge contents due to internal pressure build-up when exposed to extreme heat. Vapor and air mixtures are extremely flammable. Vapors are heavier than air and can travel considerable distances to ignition sources to flash or explode. Overexposure to decomposition products may cause a health hazard. Symptoms may not be readily apparent. Obtain medical attention.

6. ACCIDENTAL RELEASE MEASURES

Keep all sources of ignition away from spill. For small spills, absorb with sand or absorbents. For large spills, stay upwind and away from spill. Wear protective respiratory equipment and clothing and use non-sparking utensils to collect absorbents. If spill is indoors, ventilate area of spill. Keep out of drains, sewers or waterways. Do not flush area with water.

7. HANDLING AND STORAGE

Extremely flammable aerosol. Keep containers cool, dry, and away from sources of ignition. Do not expose container to direct sunlight or temperatures above 120° F. Do not transport or store near heat sources. Do not puncture or incinerate container. Do not stick pin, nail or any other sharp object into opening on top of can. Avoid inhalation of vapors and personal contact with the product. Use good personal hygiene practice. Use and store this product with adequate ventilation. All containers should be disposed of in an environmentally safe manner and in accordance with governmental regulations.

8. CONTROL MEASURES

Respiratory Protection: Normal ventilation adequate. If exposure exceeds recommended limits, respirator protection is recommended. Use a respirator or gas mask with cartridges for both organic vapors and dust particles (NIOSH approved) or use supplied air equipment.
Protective Gloves: For repeated or prolonged skin contact, the use of impermeable gloves is recommended to prevent drying and possible irritation.
Eye Protection: Not required. However, eye protection is recommended, especially if the material is used in ways where it could splash in the eyes.
Other Protective Equipment: It is suggested that a source of clean water be available in work area for flushing eyes and skin. Impervious aprons or other clothing should be worn as needed.

9. PHYSICAL DATA

Appearance: Aerosol-Dispensed Gray Coating
Vapor Pressure: 3600 mm Hg for aerosol
Specific Gravity (H_2O = 1): 1.19
Percent Volatiles (Weight): 57%
VOC Content: 5.7 lbs/gal

Boiling Range: -44°F to 350°F (-42°C to 177°C)
Vapor Density (Air = 1): >1
Solubility in Water: slight
Evaporation Rate: < 1 (Ether = 1)

10. REACTIVITY DATA

Stability: Stable
Hazardous Polymerization: Will not occur.
Incompatibility: Oxidizing agents.
Conditions to Avoid: High temperatures, open flame, other potential ignition sources.
Hazardous Decomposition Products: Carbon Dioxide, Carbon Monoxide.

11. HEALTH HAZARD/TOXICOLOGICAL INFORMATION

Refer to Section 3 for available information on potential health effects.

12. DISPOSAL CONSIDERATIONS

Dispose of product in accordance with local, county, state, and federal regulations.

13. TRANSPORTATION

DOT Hazard Class: Consumer Commodity, ORM-D **DOT Shipping Name**: Consumer Commodity

14. REGULATORY STATUS

Canada WHMIS Class: B5

Hazard Categories for SARA	**Acute**	**Chronic**	**Fire**	**Pressure**	**Reactive**
Section 311/312 Reporting	Yes	Yes	Yes	Yes	No

Components	**CERCLA/SARA Sec. 302 Hazardous Substance RQ**	**EHS TPQ**	**SARA Sec. 313 Toxic Release**
Zinc; Zinc Dust	Yes (1,000 lbs)	No	Yes (1%)
2-Butanone (Methyl Ethyl Ketone)	Yes (5,000 lbs)	No	Yes (1%)
Xylene	Yes (100 lbs)	No	Yes (1%)
Ethylbenzene	Yes (1,000 lbs)	No	Yes (1%)