

# MATERIAL SAFETY DATA SHEET

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**High Performance Zinc**  
 Part No. C2905CT Aerosol  
 Revision 4 □ November 19, 2010

CONFORMS TO THE GLOBALLY HARMONIZED SYSTEM (GHS), ANSI Z400.1-2004, EU DIRECTIVE 91/155/EEC & 99/45/EC, OSHA 29 CFR 1910.1200, NOHSC:2011(2003), AND CANADIAN CPR

## SECTION 1 □ PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NUMBER:** C2905CT  
**PRODUCT NAME:** High Performance Zinc  
**SYNONYMS:** None  
**PRODUCT USES:** Zinc Rich Protective Coating

### SUPPLIER INFORMATION

**COMPANY NAME**  
**ADDRESS**  
**PHONE NUMBER**  
**FAX NUMBER**

Clearco Products Inc  
 3430-G Progress Drive  
 Bensalem PA 19020 USA  
 215-743-0907

**24 hr EMERGENCY**


Emergency Telephone Number  
 CHEM-TEL: 1 (800) 255-3924  
 CHEM TEL: 1-800-255-3924  
 (DOMESTIC)  
 +01-813-248-0585 (INTERNATIONAL)

**REVISION NUMBER:** 4  
**REVISION DATE:** November 8, 2007  
**PRINT DATE:** November 19, 2010  
**PREPARED BY:** Safety & Environmental Manager

## SECTION 2 □ HAZARDS IDENTIFICATION

**Emergency Overview** CONTENTS **EXTREMELY FLAMMABLE AND UNDER PRESSURE**. STORE BELOW 120°F, OUT OF SUNLIGHT, AND AWAY FROM HEAT SOURCES. DO NOT PUNCTURE OR INCINERATE. AVOID CONTACT WITH SKIN AND EYES. VAPOR HARMFUL. SKIN AND EYE IRRITANT. HARMFUL OR FATAL IF SWALLOWED. INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING AND INHALING THE CONTENTS MAY BE HARMFUL OR FATAL.

**Hazard Classification** F+, Xn, Xi, N



R 12-15-20/21-36/38-50/53-65-66-67  
 S 2-9-16-23-24/25-29-33-43-46-60-61-62

**WHMIS Classification** A, B5, D2A, D2B

**Potential Environmental Effects** See Section 12 for Environmental Effects

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<b>Potential Health Effects</b> <b>Eyes</b> <b>Skin</b> <b>Inhalation</b> <b>Ingestion</b>	See Section 11 for more detailed health and toxicological information Contact with eyes may cause burning or redness Repeated contact may cause drying or flaking of skin Prolonged or repeated overexposure is anesthetic May cause vomiting and/or cramps
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HEALTH HAZARDS				PHYSICAL HAZARDS			
Irritant	T	Sensitizer		Combustible		Explosive	Pyrophoric
Toxic		Highly Toxic		Flammable	T	Oxidizer	Water Reactive
Corrosive		Carcinogenic	□	Compressed Gas	T	Organic Peroxide	Unstable

□ See Section 11

LABELING REQUIREMENTS			
CANADA	UNITED STATES	EUROPE & AUSTRALIA	GHS
	<p><b>DANGER</b>            CONTENTS EXTREMELY FLAMMABLE            AND UNDER PRESSURE</p>		

## SECTION 3 □ COMPOSITION/INFORMATION ON INGREDIENTS

ID	INGREDIENT	CAS NUMBER	EINECS	EU CLASSIFICATION	% WT
1	Zinc Dust	007440-66-6	231-175-3	F, N; 2-43-46-60-61	30-
2	Liquefied Petroleum Gas	068476-85-7	270-704-2	F+; 2-9-16-33	15-
3	Methyl Ethyl Ketone	000078-93-3	201-159-0	F, Xi; 2-9-16	15-
4	Stoddard Solvent	008052-41-3	232-489-3	Xn; 2-23-24-62	3-7
5	Xylene	001330-20-7	215-535-7	Xn, Xi; 10-20/21-38	0.5-
6	Ethylbenzene	000100-41-4	202-849-4	F, Xn; 2-24/25-29	0.1-

<b>Risk Phrases</b>	See Section 15 for full risk phrases
<b>LD50 and LC50 Information</b>	See Section 11 for toxicological information
<b>Occupational Exposure Limits</b>	See Section 8 for OELs

## SECTION 4 □ FIRST AID MEASURES

<b>Ingestion</b>	Do not induce vomiting! Immediately have the victim drink plenty of water. Do not give milk or digestible oils. Keep airways free. Contact a physician. Never give anything by mouth if victim is rapidly losing consciousness, unconscious, or convulsing.
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<b>Skin Contact</b>	<i>Remove with soap and water, rinsing and repeating for 15 minutes. Use skin cream to counter any resulting dryness. Consult a physician if irritation continues. If large skin area is affected, remove contaminated clothing.</i>
<b>Eye Contact</b>	<i>Immediately flush with plenty of clear water for at least 15 minutes. Make sure to flush under the eyelids. Consult a physician.</i>
<b>Inhalation</b>	<i>Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention if symptoms persist or if unconscious.</i>
<b>Notes to Physician</b>	<i>Stoddard Solvent sensitizes the heart to the effects of sympathomimetic amines. Epinephrine and other sympathomimetic drugs may initiate cardiac arrhythmias in individuals exposed. Use of sympathomimetic drugs should be avoided. If ingested, the material presents a significant aspiration and chemical pneumonitis hazard. Induction of emesis is not recommended. Consider activated charcoal and/or gastric lavage. If patient is obtunded, protect the airway by cuffed endotracheal intubation or by placement of the body in a Trendelenburg and left later lateral decubitus position.</i>
<b>Antidotes</b>	<i>No specific antidote.</i>

## SECTION 5 □ FIRE FIGHTING MEASURES

<b>Conditions of Flammability</b>	<i>Heat, sparks, flame, red hot metal</i>
<b>Suitable Means of Extinction</b>	<i>Water, CO<sub>2</sub>, dry chemical, or universal aqueous film forming foam</i>
<b>Unsuitable Extinguishing Media</b>	<i>Water jet</i>
<b>Products of Combustion</b>	<i>Oxides of carbon (CO, CO<sub>2</sub>), smoke, and vapors</i>
<b>Sensitivity to Mechanical Impact</b>	<i>Mechanical impact may cause aerosol can to rupture, resulting in a rapid release of its contents. In the presence of an ignition source the liquid and/or vapor content may be ignited.</i>
<b>Sensitivity to Static Discharge</b>	<i>Vapor within the flammable limits may be ignited by a static discharge of sufficient energy.</i>
<b>Special Equipment and Precautions</b>	<i>Use water spray to cool fire exposed aerosol containers, as contents can rupture violently from heat developed pressure. Firemen should wear self-contained breathing apparatus.</i>
<b>Special Explosion Hazards</b>	<i>Contents extremely flammable and under pressure</i>
<b>Hazchem Code (EC/Australia)</b>	<i>Not available</i>

## SECTION 6 □ ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions</b>	<i>Use personal protection recommended in Section 8. Isolate hazard area and deny entry to unnecessary and unprotected personnel.</i>
<b>Containment Procedures</b>	<i>Product is an aerosol, therefore spills and leaks are unlikely. In case of rupture, released content may be contained with oil/solvent absorbent pads, booms, and/or absorbents. DO NOT use combustible material such as sawdust.</i>
<b>Cleanup Procedures</b>	<i>Spills from aerosol cans are unlikely and are generally of small volume. Large spills are therefore not normally considered a problem. In case of actual rupture, avoid breathing vapors and ventilate area well. Remove sources of ignition and use non-sparking equipment. Soak up material with inert absorbent and place in safety containers for proper disposal.</i>
<b>Environmental Precautions</b>	<i>Keep out of drains, sewers, ditches, and waterways. Minimize use of water to prevent environmental contamination.</i>
<b>Other Information</b>	<i>Aerosol products represent a limited hazard and will not spill or leak unless ruptured. In case of rupture contents are generally evacuated from the can rapidly. Area should be ventilated immediately and continuous ventilation provided until all fumes and vapors have been removed. Aerosol cans should never be incinerated or burned. See Section 13 for disposal.</i>
<b>Prohibited Materials</b>	<i>Combustible absorbent material such as sawdust</i>
<b>Reporting Requirements</b>	<i>Spills due to the rupture of a single aerosol can are generally below any regulatory reporting requirements. However, if larger spills somehow result, the reporting requirements of all governing agencies should be observed.</i>

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## SECTION 7 □ HANDLING AND STORAGE

<b>Handling</b>	Avoid prolonged or repeated skin contact. Avoid breathing of vapors. Do not incinerate (burn) containers. Always replace overcap when not in use. Do not smoke while handling this product. Avoid use around open flames or other sources of heat. Exposure to heat or prolonged exposure to sun may cause can to burst. Use only with adequate ventilation, opening doors or windows to achieve cross-ventilation. Wash hands after use.
<b>Conditions for Safe Storage</b>	Storage of individual cans should be done in an area below 120°F, and away from heat sources. Ensure can is in a secure place to prevent knocking over and accidental rupture. For storage of pallet quantities, compliance with NFPA 30B (Manufacture and Storage of Aerosol Products) is recommended. This product is classified as a Level 3 Aerosol.

## SECTION 8 □ EXPOSURE CONTROLS / PERSONAL PROTECTION

### Occupational Exposure Limits

ID	UNITED STATES OSHA PEL	UNITED STATES NIOSH REL	UNITED STATES NIOSH IDLH	UNITED STATES ACGIH TLV	AUSTRALIA TWA	GERMANY MAK	JAPAN OEL
1	15 mg/m <sup>3</sup>	N/E	N/E	10 mg/m <sup>3</sup>	N/E	N/E	N/E
2	1000 ppm	1000 ppm	2000 ppm	1000 ppm	1000 ppm	N/E	N/E
3	200 ppm	200 ppm	3000 ppm	200 ppm	150 ppm	200 ppm	N/E
4	500 ppm	250 mg/m <sup>3</sup>	20000 mg/m <sup>3</sup>	100 ppm	790 mg/m <sup>3</sup>	N/E	N/E
5	100 ppm	100 ppm	900 ppm	100 ppm	N/E	100 ppm	50 ppm
6	100 ppm	100 ppm	800 ppm	100 ppm	100 ppm	100 ppm	N/E

ID	CANADA ALBERTA OEL	CANADA BC TWA	CANADA ONTARIO TWA/EV	CANADA QUEBEC TWA	MEXICO MPEL-PTA	UNITED KINGDOM WEL	MANUFACTURER RECOMMENDATION
1	N/E	N/E	N/E	N/E	N/E	N/E	N/E
2	1000 ppm	1000 ppm	1000 ppm	1000 ppm	N/E	1000 ppm	N/E
3	200 ppm	50 ppm	200 ppm	200 ppm	200 ppm	200 ppm	N/E
4	100 ppm	290 mg/m <sup>3</sup>	525 mg/m <sup>3</sup>	100 ppm	100 ppm	N/E	N/E
5	100 ppm	100 ppm	100 ppm	100 ppm	100 ppm	50 ppm	N/E
6	100 ppm	100 ppm	100 ppm	100 ppm	100 ppm	100 ppm	N/E

<b>Engineering Measures</b>	Use only with adequate ventilation. General ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. Local exhaust ventilation or an enclosed handling system may be necessary to control air contamination below that of the lowest OEL from the table above.
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<b>Biological Limit Values</b>	No biological limit(s) allocated
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**Hygiene Measures** Avoid breathing vapors and contact with the skin and eyes. Always replace overcap when not in use. Keep out the

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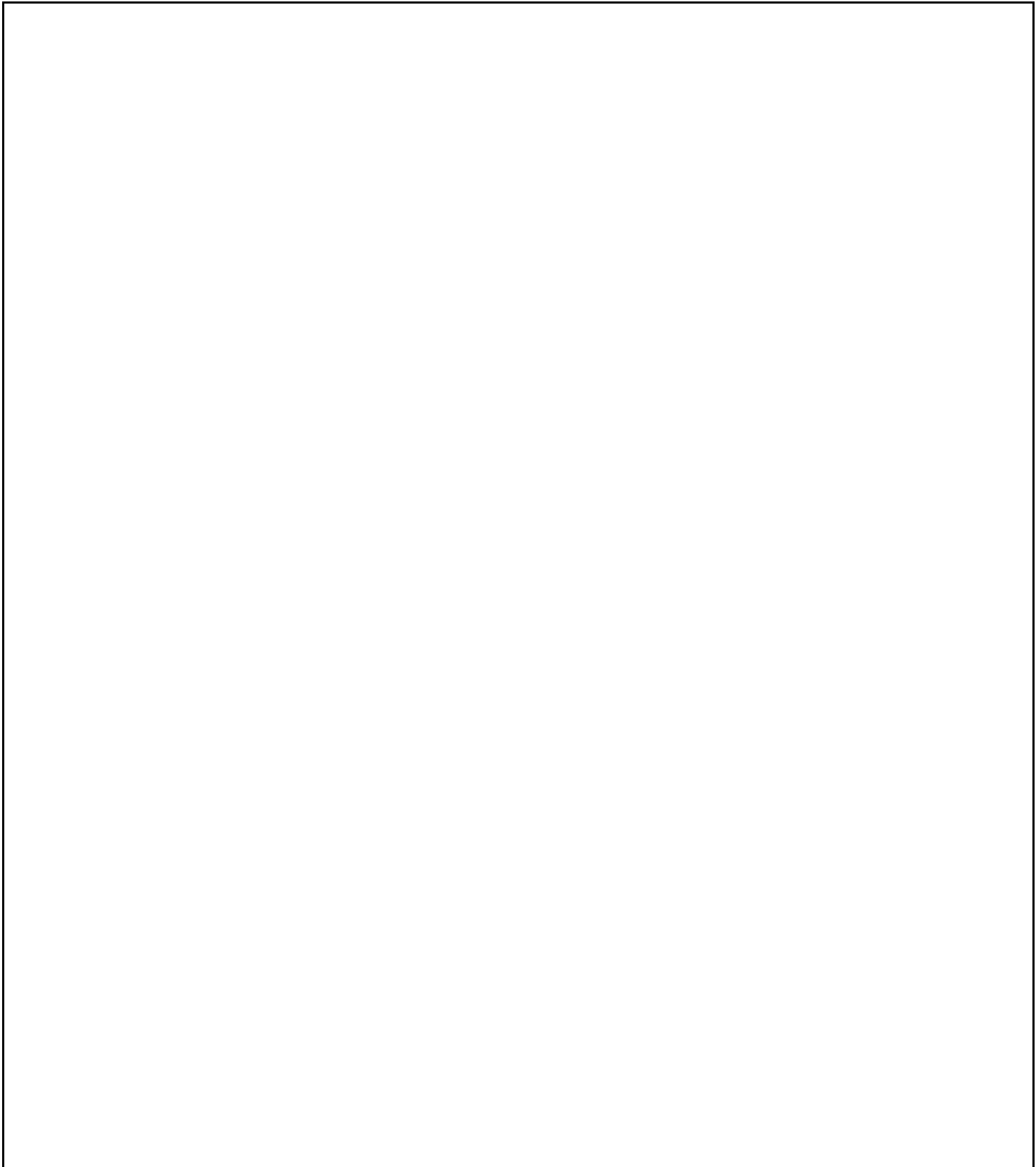
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## PERSONAL PROTECTIVE EQUIPMENT



<b>Respiratory Protection</b>	An approved respirator with an organic vapor cartridge may be permissible under certain circumstances where airborne concentrations are expected to exceed occupational exposure limits. If respirators are needed, in the United States compliance with OSHA standard 29 CFR 1910.134 is necessary.
<b>Skin Protection</b>	For brief contact, no precautions other than clean body-covering clothing should be needed. When prolonged or repeated contact could occur, use protective clothing impervious to the ingredients listed in Section 2.
<b>Eye/Face Protection</b>	Safety glasses with side shields are recommended as a minimum for any type of industrial chemical handling. Where eye contact with this material could occur, chemical splash proof goggles are recommended.
<b>Other Protective Equipment</b>	Safety showers and eye-wash stations should be available in the workplace near where the material will be used.

## SECTION 9 □ PHYSICAL AND CHEMICAL PROPERTIES

<b>Boiling Point</b>	> 175 °F (79.4 °C)	<b>Melting/Freezing Point</b>	-123 °F (-86 °C)
<b>Flash Point, Liquid Content</b>	> 16 °F (-9 °C)	<b>Flash Point, Propellant</b>	-156 °F (-104.4 °C)
<b>Explosive Limits</b>	1.80% to 10.00%	<b>Autoignition Temperature</b>	759 °F (404 °C)
<b>Flammability</b>	Extremely Flammable Aerosol	<b>Specific Gravity (H<sub>2</sub>O = 1)</b>	1.051 g/cc
<b>Molecular Weight</b>	Not Available	<b>Weight</b>	8.772 lbs/gal
<b>Vapor Pressure</b>	70 psig	<b>pH</b>	Not Available
<b>Vapor Density</b>	2.41 g/cc Maximum	<b>Evaporation Rate</b>	Not Available
<b>Physical State</b>	Liquid Under Pressure	<b>Partition Coefficient</b>	Not Available
<b>Viscosity</b>	Not Available	<b>Refractive Index</b>	Not Available
<b>Percent Volatile</b>	56% Wt (88% Vol) Max	<b>VOC Content</b>	4.907 lbs/gal (588.021 g/l)
<b>Percent VOC</b>	56% Wt (88 % Vol) Max	<b>HAP Content</b>	0.095 lbs/gal (11.352 g/l)
<b>Odor Threshold</b>	Not Available	<b>MIR Value</b>	1.073 g O <sub>3</sub> /g
<b>Odor</b>	Paint-like	<b>Water Solubility</b>	Not Available
<b>Appearance</b>	Grey colored coating	<b>Decomposition Temperature</b>	Not Available

## SECTION 10 □ STABILITY AND REACTIVITY

<b>Stability</b>	Stable
<b>Physical Hazards</b>	Contents under pressure, Flammable
<b>Conditions to Avoid</b>	Not Available
<b>Hazard Polymerization</b>	Not expected to occur
<b>Material Incompatibility</b>	Strong oxidizing agents, amines, ammonia, caustics, pyridines, halogenated hydrocarbons, nitric acid, dichlorohydrantion, acids, chlorine dioxide, isocyanates, alkalis
<b>Conditions of Reactivity</b>	Heat, sparks, flame, red hot metal
<b>Decomposition Products</b>	Oxides of carbon

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## SECTION 11 □ TOXICOLOGICAL INFORMATION

### ROUTES OF ENTRY

Skin Contact	T	Skin Absorption	T	Eye Contact	T	Inhalation	T	Ingestion	
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### POTENTIAL HEALTH EFFECTS AND SIGNS / SYMPTOMS OF EXPOSURE

<b>Eye Contact</b>	<i>Liquid contact may cause pain along with moderate eye irritation.</i>
<b>Skin Contact</b>	<i>Prolonged or repeated exposure may cause skin irritation. Repeated contact may cause drying or flaking of skin. May cause more severe response if confined to skin.</i>
<b>Ingestion</b>	<i>Due to being an aerosol, the product does not lend itself to ingestion. Should ingestion occur, it may cause irritation to membranes of the mouth, throat, and gastrointestinal tract resulting in vomiting and/or cramps. Aspiration of vomit into the lungs may cause inflammation, and possible chemical pneumonitis, bronchopneumonia, or pulmonary edema.</i>
<b>Inhalation</b>	<i>Prolonged or repeated overexposure is anesthetic. May cause irritation of the respiratory tract, or acute nervous system depression characterized by headache, dizziness, staggering gait, confusion or death. Irritation of the mucous membranes, coughing, and dyspnoea are also possible.</i>
<b>Effects of Chronic Exposure</b>	<i>Reports have associated repeated and prolonged occupational overexposure to solvents with irreversible brain and nervous system damage (sometimes referred to as "Solvent or Painter's Syndrome"). Intentional misuse by concentrating and inhaling this product may be harmful or fatal.</i>  <i>Ingestion and subsequent aspiration into the lungs of Stoddard Solvent may cause pneumatocele (lung cavity) formation and chronic lung dysfunction.</i>  <i>Chronic exposure to zinc may cause respiratory tract irritation with nasopharyngitis and laryngitis.</i>
<b>Medical Conditions Aggravated</b>	<i>May aggravate personnel with pre-existing disorders associated with any of the Target Organs.</i>
<b>Primary Hazards</b>	<i>Sensory Irritation (Methyl Ethyl Ketone, Xylene, Ethyl Benzene), Narcosis (Stoddard Solvent), Respiratory Effects (Zinc Dust).</i>
<b>Target Organs</b>	<i>Eyes, skin, respiratory system, central nervous system, kidneys</i>

### LD<sub>50</sub> and LC<sub>50</sub> Species / Route Information

ID	ORAL LD <sub>50</sub>	DERMAL LD <sub>50</sub>	INHALATION LC <sub>50</sub>
1	Not Available	Not Available	Not Available
2	Not Available	Not Available	57.42% v/v, mice
3	>2600 mg/kg, mouse	>8000 mg/kg, rat	20 mg/l /4 hr, rat
4	Not Available	500 mg/kg, rabbit	Not Available
5	2840 mg/kg, rat	4500 mg/kg, rabbit	6300 mg/l /4hr, rat
6	3500 mg/kg, rat	15500 mg/kg, rabbit	Not Available

<b>Irritancy of Product</b>	<i>The following ingredients are eye irritants: Methyl Ethyl Ketone. The following ingredients are skin irritants: Stoddard Solvent, Ethyl Benzene.</i>
<b>Sensitization to Product</b>	<i>None of the ingredients cause sensitization.</i>
<b>Carcinogen Data</b>	<i>Ethylbenzene is listed with IARC as Class 2B (possible human carcinogen) and with ACGIH as A3 (confirmed animal carcinogen with unknown relevance to humans). Ethylbenzene is also listed with the State of California as a carcinogen.</i>
<b>Reproductive Toxicity</b>	<i>None of the ingredients are reproductive toxicants</i>
<b>Teratogenicity</b>	<i>Xylene is a known teratogen.</i>
<b>Mutagenicity</b>	<i>None of the ingredients are known mutagens.</i>
<b>Synergistic Products</b>	<i>There are no known synergistic products.</i>

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## SECTION 12 □ ECOLOGICAL INFORMATION

### Ecotoxicity:

ID	FISH	INVERTEBRATES	AQUATIC PLANTS	MICROORGANISMS
1	Not Available	Not Available	Not Available	Not Available
2	Not Available	Not Available	Not Available	Not Available
3	LC50: 5600 mg/l /96 hr Freshwater	EC50: >520 mg/l /48 hr Daphnia	EC3: >4300 mg/l /7 days Algae	EC5: >2982 mg/l /48 hr Protozoa
4	Not Available	Not Available	Not Available	Not Available
5	LC50: 26.7 mg/l /96 hr Freshwater	LC50: 14 mg/l /24 hr Crustacea	Not Available	Not Available
6	LC50: 12.1 mg/l /96 hr Freshwater	LC50: 77 mg/l /24 hr Daphnia	EC50: 63 mg/l /3 hr Algae	EC50: 160 mg/l /96 hr Bacteria

<b>Mobility</b>	Not Available
<b>Persistence</b>	Not Available
<b>Degradability</b>	Not Available
<b>Bioaccumulation</b>	Not Available
<b>Other Ecologic Data</b>	Do not allow to enter waters, waste water, or soil. Very toxic to aquatic organisms, which may cause long-term adverse effects in the aquatic environment.
<b>Effects on the Ozone Layer</b>	This product does not contain any ozone depleting ingredients.

## SECTION 13 □ DISPOSAL CONSIDERATIONS

<b>Waste Disposal</b>	Characteristics and waste stream classification can change with product use and location. It is the responsibility of the user to determine the proper storage, transportation, treatment, and/or disposal methodologies for spent materials and residues at the time of disposition. All waste must be disposed of in compliance with the respective national, federal, state, and/or local regulations.
<b>Waste Disposal of Packaging</b>	In the United States, an aerosol container that does not contain a significant amount of liquid would meet the definition of scrap metal (40 CFR 261.1(c)(6)), and would be exempt from RCRA regulation under 40 CFR 261.6(a)(3)(iv) if it is to be recycled. If containers are to be disposed of (not recycled) it must be managed under all applicable RCRA and state regulations.
<b>Landfill Precautions</b>	Not Available
<b>Incineration Precautions</b>	** DO NOT INCINERATE ** CONTENTS UNDER PRESSURE **

## SECTION 14 □ TRANSPORTATION INFORMATION

### DOT SHIPPING INFORMATION (United States)



PROPER SHIPPING NAME: ..... Consumer Commodity  
 HAZARD CLASS: ..... ORM-D  
 PACKING GROUP: -  
 UN or ID NUMBER: -  
 NAERG GUIDE NUMBER: 171





### ICAO/IATA SHIPPING INFORMATION (International Air)



PROPER SHIPPING NAME: ..... Consumer Commodity  
 HAZARD CLASS: ..... 9  
 PACKAGING GROUP: -  
 UN or ID NUMBER: ID8000

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<p><b>TDG SHIPPING INFORMATION (Canada)</b></p>  <p>PROPER SHIPPING NAME: ..... Aerosols, Limited Quantity          HAZARD CLASS: ..... 2.1          PACKAGING GROUP: -          UN or ID NUMBER: UN1950</p>	<p><b>ADG SHIPPING INFORMATION (Australia)</b></p> <p>PROPER SHIPPING NAME: ..... Aerosols, Limited Quantity          HAZARD CLASS: ..... 2.1          PACKAGING GROUP: -          UN or ID NUMBER: UN1950          HAZCHEM CODE: ..... -</p>
<p><b>IMDG SHIPPING INFORMATION (International Ocean)</b></p>  <p>PROPER SHIPPING NAME: ..... Aerosols, Limited Quantity          CLASS: ..... 2.1          PACKAGING GROUP: -          SUBSIDIARY RISK(S): -          UN or ID NUMBER: UN1950          PACKING INSTRUCTIONS: P003          EmS NO.: F-D, S-U          STOWAGE: Category A          MFAG NO.: 620</p>	<p><b>ADR SHIPPING INFORMATION (European Union)</b></p>  <p>PROPER SHIPPING NAME: ..... Aerosols, Limited Quantity          ADR CLASS: ..... 2          PACKAGING GROUP: -          UN or ID NUMBER: UN1950          CLASSIFICATION CODE: 5F          HAZARD IDENTIFICATION NO: ..... -</p>
<p><b>GLOBALLY HARMONIZED SYSTEM (GHS)</b></p>  <p>PROPER SHIPPING NAME: ..... Aerosols, Limited Quantity          HAZARD CLASS: ..... 2          UN PACKAGING GROUP: -          UN or ID NUMBER: UN1950</p>	<p><b>NMFC DESCRIPTION (United States)</b></p> <p>ITEM DESCRIPTION: Paint Related Material          ITEM NUMBER: 149980 Sub 2          CLASS: 55</p>

Special Transport Precautions | Not Available

## SECTION 15 □ REGULATORY INFORMATION

### UNITED STATES - FEDERAL:

ID	TSCA INVENTORY	SARA 302 EHS	RCRA	CERCLA	SARA 313	FIRE	REACTIVITY	SARA 311/312		PRESSUR E	CLEAN AIR ACT	CLEAN WATER ACT
								ACUTE	CHRONIC			
1	T	—	—	1000 #	< 40 %	—	—	—	—	—	—	PP
2	T	—	—	—	—	T	—	T	—	T	—	—
3	T	—	U159	5000 #	—	T	—	T	T	—	—	—
4	T	—	—	—	—	T	—	T	T	—	—	—
5	T	—	U239	100 #	< 1%	T	—	T	T	—	HAP	100#
6	T	—	U208	1000 #	< 1%	T	—	T	T	—	HAP	1000 #

### UNITED STATES - STATES:

ID	CALIFORNIA	DELAWARE	FLORIDA	MASSACHUSETTS	PENNSYLVANIA	MINNESOTA	NEW JERSEY	NEW YORK	WASHINGTON
1	—	T	T	5 F1 F8 F9	*E	—	T	T	—
2	—	—	—	—	—	—	—	—	—
3	—	T	T	2,4,5,6 F8 F9	E	ANO	T	T	T
4	—	—	T	2,4	—	ANO	—	—	T
5	—	T	T	2,4 F8 F9	E	ANO	T	T	T
6	C	T	T	2,4,5,6 F7 F8 F9	E	AO	T	T	T

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## CANADA:

ID	WHMIS CATEGORIES									CHEMICAL LISTS			
	A	B	C	D1A	D1B	D2A	D2B	D3	E	DSL	NDSL	NPRI	CWC
1	—	—	—	—	—	—	—	—	—	T	—	—	—
2	T	B1	—	—	—	—	—	—	—	T	—	—	—
3	—	B2	—	—	—	T	T	—	—	T	—	1A, 5	—
4	—	B3	—	—	—	T	—	—	—	T	—	5	—
5	—	B2	—	—	—	T	T	—	—	T	—	1A, 5	—
6	—	B2	—	—	—	T	T	—	—	T	—	1A	—

**This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.**

## EUROPEAN UNION:

CODE	RISK PHRASES
R 12	Extremely Flammable
R 15	Contact with water liberates extremely flammable gases
R 20/21	Harmful by inhalation and in contact with skin
R 36/38	Irritating to eyes and skin
R 50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
R 65	Harmful: may cause lung damage if swallowed
R 66	Repeated exposure may cause skin dryness or cracking
R 67	Vapours may cause drowsiness and dizziness

CODE	SAFETY PHRASES
S 2	Keep out of the reach of children
S 9	Keep container in a well ventilated place
S 16	Keep away from sources of ignition – No smoking
S 23	Do not breathe fumes
S 24/25	Avoid contact with skin and eyes
S 29	Do not empty into drains
S 33	Take precautionary measure against static discharge
S 43	In case of fire, never use water stream
S 46	If swallowed, seek medical advice immediately
S 60	This material and its container must be disposed of as hazardous waste
S 61	Avoid release to the environment
S 62	If swallowed, do not induce vomiting: seek medical advice immediately

## RoHS Compliance



This product is RoHS compliant according to the definitions and restrictions given by Directive 2002/95/EC and The Council of January 27, 2003 on the restriction of the use of certain hazardous substances in electrical and electronic equipment.

## AUSTRALIA:

<b>Poisons Schedule Number</b>	None of the ingredients in this product have been scheduled.
<b>Chemical Inventory Status</b>	All of the ingredients are listed on the Australian Inventory of Chemical Substances (AICS) or are exempt.

## SECTION 16 □ OTHER INFORMATION

<b>MSDS Format Compliance</b>	This MSDS has been formatted to meet the requirements of ANSI Z400.1-2004 and includes the requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200 (United States), the Globally Harmonized System for Classification and Labeling of Chemicals (GHS), the Hazardous Products Act and Controlled Products Regulations (Canada), the National Code of Practice for the Preparation of Material Safety Data Sheets NOHSC:2011(2003) (Australia), and Directives 67/548/EEC and 99/45/EC of the European Union.
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# MATERIAL SAFETY DATA SHEET

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**High Performance Zinc**  
Part No. C2905CT Aerosol  
Revision 4 □ November 19, 2010

CONFORMS TO THE GLOBALLY HARMONIZED SYSTEM (GHS), ANSI Z400.1-2004, EU DIRECTIVE 91/155/EEC & 99/45/EC, OSHA 29 CFR 1910.1200, NOHSC:2011(2003), AND CANADIAN CPR

## Disclaimer of Liability

*The information contained herein is based upon data provided to us by our suppliers, and reflects our best judgement. However, no warranty of merchantability, fitness for any use, or any other warranty or guarantee is expressed or implied regarding the accuracy of such data, or the results to be obtained from use thereof. Since the information contained herein may be applied under conditions beyond our control and with which we may be unfamiliar, we do not assume any responsibility for the results of such application. This information is furnished upon the condition that the persons receiving it shall make their own determinations of the suitability of the material for any particular use. Although certain hazards are described herein, we cannot guarantee these are the only hazards that exist.*

## Revision History

*Revision 3, 06/18/2004, General Update  
Revision 4, 11/08/2007, Total Update to GHS Format*