



MATERIAL SAFETY DATA SHEET

CHROMATE INDUSTRIAL CORPORATION®

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**FOR CHEMICAL
EMERGENCY**

Call ChemTrec day/night:
1-800-424-9300

SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: WELDING ANTI-SPATTER SPRAY
PART NUMBER: 74018

DATE PREPARED: May 17, 2009

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SECTION 2 – COMPOSITION / DATA ON COMPONENTS

% BY WEIGHT	CAS NUMBER	INGREDIENT	UNITS	VAPOR PRESSURE
89	75-09-2	METHYLENE CHLORIDE		
		ACGIH TLV	50 ppm	420 mm
		OSHA PEL	25 ppm	
		OSHA PEL	125 ppm STEL	
3	124-38-9	CARBON DIOXIDE		
		ACGIH TLV	5000 ppm	760 mm
		OSHA PEL	5000 ppm	
7	14807-96-6	TALC		
		ACGIH TLV	2 mg/m ³ as Resp. Dust	
		OSHA PEL	2 mg/m ³ as Resp. Dust	

SECTION 3 – HAZARDS IDENTIFICATION

HMIS RATING: HEALTH: 2* FLAMMABILITY: 2 REACTIVITY: 0

ROUTES OF EXPOSURE

INHALATION of vapor or spray mist.

EYE OR SKIN CONTACT with the product, vapor or spray mist.

EFFECTS OF OVER-EXPOSURE

EYES: Irritation.

SKIN: Prolonged or repeated exposure may cause irritation.

INHALATION: Irritation of the upper respiratory system.

In a confined area vapors in high concentration may cause headache, nausea or dizziness. Prolonged overexposure to solvent ingredients in Section 2 may cause adverse effects to the liver, urinary, cardiovascular and nervous systems. Over-exposure to METHYLENE CHLORIDE can raise the level of carbon monoxide in the blood.

SIGNS AND SYMPTOMS OF OVER-EXPOSURE: Redness and itching or burning sensation may indicate eye or excessive skin exposure.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Cardiovascular problems may be aggravated by overexposure to METHYLENE CHLORIDE.

CANCER INFORMATION: For complete discussion of toxicology data refer to SECTION 11.

SECTION 4 – FIRST AID MEASURES

EYES: Flush eyes with large amounts of water for 15 minutes. Get medical attention.

SKIN: Wash affected area thoroughly with soap and water. Remove contaminated clothing and launder before re-use.

INHALATION: If affected, remove from exposure. Restore breathing. Keep warm and quiet.

INGESTION: DO NOT INDUCE VOMITING. Get medical attention immediately.

N/A — NOT APPLICABLE
N/L — NOT LISTED

N/D — NOT DETERMINED

N/E — NONE ESTABLISHED

N/R — NOT REGULATED

SECTION 5 – FIRE-FIGHTING MEASURE**UEL:** N/A**LEL:** N/A**FLASH POINT:** N/A**EXTINGUISHING MEDIA:** Carbon Dioxide, Dry Chemical, Foam.**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Closed containers may explode (due to the build-up of pressure) when exposed to extreme heat. During emergency conditions overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.**SPECIAL FIRE FIGHTING PROCEDURES:** Full protective equipment including self-contained breathing apparatus should be used. Water spray may be ineffective. If water is used, fog nozzles are preferable. Water may be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat.**SECTION 6 – ACCIDENTAL RELEASE MEASURES****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

- Remove all sources of ignition. Ventilate the area.
- Remove with inert absorbent.

SECTION 7 – HANDLING AND STORAGE**STORAGE CATEGORY:** Not Available**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:** Contents under pressure. Do not puncture, incinerate, or expose to temperature above 120°F. Heat from sunlight, radiators, stoves, hot water, and other heat sources could cause container to burst. Do not take internally. *KEEP OUT OF THE REACH OF CHILDREN.***SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION****PRECAUTIONS TO BE TAKEN IN USE:** Before initial use, consult OSHA's 'Standard for Occupational Exposure to Methylene Chloride' (29 CFR 1910.1052). Use only with adequate ventilation. Avoid contact with skin and eyes. Avoid breathing vapor and spray mist. Wash hands after using.**VENTILATION:** Local exhaust preferable. General exhaust acceptable if the exposure to materials in Section 2 is maintained below applicable exposure limits. Refer to OSHA Standards 1910.94, 1910.107, 1910.108.**RESPIRATORY PROTECTION:** An air supplied respirator must be worn, unless air monitoring demonstrates vapor/mist concentrations are below permissible limits. Follow respirator manufacturers directions for respirator use.**PROTECTIVE GLOVES:** For intermittent exposure, wear VITON or nitrile gloves recommended by glove manufacturer for protection against materials in Section 2. For immersion, wear PVA gloves recommended by glove manufacturer.**EYE PROTECTION:** Wear safety spectacles with unperforated sideshields.**SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES****PRODUCT WEIGHT:** 11.27 lb/gal 1350 g/l**BOILING POINT:** <0 - 105°F < -18 - 40°C**VOLATILE VOLUME:** 96%**VAPOR DENSITY:** Heavier than air**SPECIFIC GRAVITY:** 1.36**MELTING POINT:** Not Available**EVAPORATION RATE:** Faster than ether**SOLUBILITY IN WATER:** N/A**VOLATILE ORGANIC COMPOUNDS (VOC Theoretical - As Packaged):** Volatile Weight 0.24% Less Water and Federally Exempt Solvents

SECTION 10 – STABILITY AND REACTIVITY DATA

STABILITY: Stable
CONDITIONS TO AVOID: None known.
INCOMPATIBILITY: None known.
HAZARDOUS DECOMPOSITION PRODUCTS: *BY FIRE:* Carbon Dioxide, Carbon Monoxide , Hydrogen Chloride
HAZARDOUS POLYMERIZATION: Will not occur.

SECTION 11 – TOXICOLOGICAL INFORMATION

CHRONIC HEALTH HAZARDS: METHYLENE CHLORIDE is listed by IARC, NTP, and OSHA. Laboratory animals exposed to high levels of METHYLENE CHLORIDE in lifetime studies have developed cancer. There is no evidence to date that METHYLENE CHLORIDE causes cancer in humans.

TOXICOLOGY DATA

CAS NO.	INGREDIENT NAME			
75-09-2	METHYLENE CHLORIDE	LC ₅₀ RAT	4HR	Not Available
		LD ₅₀ RAT		1600 mg/kg
124-38-9	CARBON DIOXIDE	LC ₅₀ RAT	4HR	Not Available
		LD ₅₀ RAT		Not Available
14807-96-6	TALC	LC ₅₀ RAT	4HR	Not Available
		LD ₅₀ RAT		Not Available

SECTION 12 – ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: No data available.

SECTION 13 – DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Waste from this product is not hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Do not incinerate. Depressurize container. Dispose of in accordance with Federal, State/Provincial, and Local regulations regarding pollution.

SECTION 14 – TRANSPORT INFORMATION

US GROUND (DOT): May be classed as Consumer Commodity, ORM-D
UN1950, AEROSOLS, 2.2, LIMITED QUANTITY, (ERG#126)

CANADA (TDG): May be classed as Consumer Commodity, ORM-D
UN1950, AEROSOLS, CLASS 2.2, LIMITED QUANTITY, (ERG#126)

IMO: May be shipped as Limited Quantity
UN1950, AEROSOLS, CLASS 2.2, LIMITED QUANTITY, EmS F-D, S-U

SECTION 15 – REGULATORY INFORMATION

SARA 313 (40 CFR 372.65C) SUPPLIER NOTIFICATION

CAS NO.	CHEMICAL/COMPOUND	% BY WT	% ELEMENT
75-09-2	METHYLENE CHLORIDE	89	

CALIFORNIA PROPOSITION 65

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

TSCA CERTIFICATION: All chemicals in this product are listed, or are exempt from listing, on the TSCA Inventory.

SECTION 16 – OTHER INFORMATION

This product has been classified in accordance with the hazard criteria of the Canadian Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR. The above information pertains to this product as currently formulated, and is based on the information available at this time. Addition of reducers or other additives to this product may substantially alter the composition and hazards of the product. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information