

MATERIAL SAFETY DATA SHEET

Manufacturer's Name: Crescent Bronze Powder Co., Inc
3400 N. Avondale Ave.
Chicago, IL 60618-5432
800-427-7633 (Information)
800-535-5053 (Transportation Emergencies Only)

SECTION I: PRODUCT IDENTIFICATION

Generic/Chemical Name: Aluminum Paste
Product Numbers and Name: Cres-Lite Aluminum Paste
Product Numbers and Name: 0991, 0992, 0993, 0994, 0995, 0996, 0997, 0998, 0999, J-140

SECTION II: HAZARDOUS INGREDIENTS

INGREDIENTS	CASE #	% BY WT.	TLV-TWA	PEL	STEL
Aluminum ++ (1)	7429-90-5	60.0-67.0	10 Mg/M ³	15Mg/M ³	N.E.
Mineral Spirits ++ (as Stoddard solvent)	8052-41-3	33.0-40.0	100 ppm	100 ppm	N.A.

++ INDICATES TOXIC CHEMICAL SUBJECT TO THE REPORTING REQUIREMENTS OF THE EMERGENCY PLANNING COMMUNITY RIGHT TO KNOW ACT OF 1986 (SARA TITLE III), SECTION 313 AND 40 CFR 372

NOTES:

- (1) Hazard data in reference to airborne contaminants as dust. We believe these specific hazards are greatly reduced when component is incorporated into a "wet" coating formulation.

SECTION III: PHYSICAL DATA OF MIXTURE AND/OR COMPONENTS

Boiling Range: Approx. 330°F - mineral spirits.
Evaporation Rate: Slower than ether
Vapor Pressure: 2.0 mm Hg @68°F - mineral spirits.
Vapor Density: Heavier than air.
Appearance and Odor: Silvery/gray semi-solid form w/solvent odor.
Specific Gravity: 1.4-1.8;
Weight/Gallon: 11.65-15.0 lbs.
% Volatile by wt: 33.0-40.0
V.O.C (grams/liter): N.E.
% Volatile by vol.: N.E.

SECTION IV: HEALTH HAZARD INFORMATION

Comment: Because this product is a mixture of various ingredients listed on Page 1 of the MSDS. It has never been tested as a whole, the following statement may address specific components or a group of items that would most likely represent the most serious hazards associated with the products intended use. This information is based on data from raw materials supplier and/ or our own interpretations.

Primary entry routes: Inhalation and skin contact.

Target organs: Acute affects on the eyes, skin and respiratory system including the lungs should chemical pneumonitis occur. Longer-term exposures may affect the central nervous system.

Acute overexposure: Exposure to liquid and/ or its vapors may cause severe eye irritation such as tearing, burning, swelling and redness. Skin irritation may result in dry and cracking of skin or burning sensation. Breathing of vapors may cause nasal irritation, dizziness, weakness, fatigue, nausea, headache and possible unconsciousness or even death. Ingestion can cause gastrointestinal irritation including nausea, vomiting and diarrhea. Aspiration of material into the lungs as a result of vomiting can cause severe lung damage and even death.

Chronic overexposure: Effects of long-term exposure are likely to affect the central nervous system.

Carcinogenic Evaluations: NTP, IARC or OSHA has identified none of the listed ingredients as cancer causing substances as of this preparation date. However, our solvent suppliers have informed us that certain solvents including those listed, at certain times may include varying quantities of benzene (CASE # 71-43-2). Since we do not control any detectable levels, nor have we made a determination that such levels are a significant health risk, we feel obligated under California Proposition 65 to state that "This product may contain a chemical known to the state of California to cause cancer".

SECTION V: FIRST AID PROCEDURES

Eye contact: Flush immediately with water for at least 15 minutes, occasionally lifting upper and lower eyelids. Seek medical attention.

Skin contact: Remove contaminated clothing. Wash affected area with soap and water. Seek medical attention if irritation persists.

Inhalation: If breathing difficulty occurs, remove person from area to fresh air immediately. If breathing has stopped, begin artificial respiration procedures. Administer oxygen if available and seek medical attention.

Ingestion: If swallowed DO NOT INDUCE VOMITING! Seek medical attention. This product can cause severe lung damage or even death if aspirated into lungs.

SECTION VI: FIRE AND EXPLOSION HAZARDS

Flash point: 100°F (Represents lowest value of a mixture component).
(Product has not been tested as a whole unit).

DOT Hazard Classification: Combustible Liquid. (Based on flash point value).

Lower explosive limit: 1.0% (lowest value of mixture component).

Extinguishing Media: Carbon dioxide, foam, and dry chemical or inert material like dry sand. **DO NOT** use water hose stream.

Firefighting Procedures: Self-contained breathing apparatus is recommended for all firefighters, as toxic fumes are generated from burning liquid.

Hazards: Aluminum particles suspended in the air as a result of high-pressure hoses can be a potentially explosive mixture. Attempt to direct extinguishing agents above the burning area, allowing them to rain down on fire.

SECTION VII: REACTIVITY DATA

Stability: Product is stable

Hazardous polymerization: Will **NOT** occur

Decomposition products: Burning product may emit carbon dioxide, carbon monoxide, and other hydrocarbons.

Conditions and materials to avoid: Avoid strong oxidizing agents. Keep away from intense heat, flame, sparks and other ignition sources.

SECTION VIII: SPECIAL PROTECTIVE INFORMATION

Respiratory: If workplace conditions exist where airborne vapors exceed threshold values indicated on Page 1 of this MSDS, a NIOSH approved respirator should be worn. Seek advice from a safety equipment supplier or safety engineer to determine appropriate protection measures to be taken.

Skin: Gloves and other protective clothing as necessary to avoid contact.

Eyes: Chemical splash goggles are recommended for compliance with OSHA regulations.

Ventilation: To prevent routine inhalation, sufficient exhaust and ventilation should be maintained to keep vapor levels below permissible exposure limits listed on page one of this MSDS

SECTION IX: SPILL, LEAK, STORAGE & HANDLING INFORMATION

Storage: Store in a cool dry place. Keep away from excessive heat, open flame, sparks and other ignition sources. Keep unused containers tightly closed. Empty containers pose similar hazards as defined herein due to product residues (vapor, liquid and/or solid).

Handling: Always use proper grounding procedures when transferring contents from containers.

Spills: Small spills may be absorbed with vermiculite, floor absorbent or other inert material. Place contents in proper waste disposal container. For large spills, remove all ignition sources (flames, pilot lights, sparks etc.) and attempt to stop spill at source. Dike the spill area with inert material to prevent run-off into open waterway, drains or sewers. Use nonsparking tools to recover spilled product into proper waste disposal containers. Notify regulatory authorities as required.

Disposal: Disposal of this product should be managed in accordance with local, state and federal hazardous waste guidelines.

Other: Practice good hygiene after working with this product. Do not attempt to reuse empty containers. Do not flame cut or weld empty containers.

ABBREVIATION CODES: N. A.– Information not available or not applicable
N. E. – Information has not been established

DISCLAIMER OF LIABILITY

The statements contained herein are made only for the purpose of compliance with various regulatory requirements. While believed to be accurate, they do not in any way constitute an express or implied warranty of fitness for a particular purpose, merchantability, or any representation or guarantee whatsoever by Crescent Bronze Powder Company/Color FX. Users should make their own determination as to the suitability of this product for their particular use or purpose.