MATERIAL SAFETY DATA SHEET

Manufacturer's Name: Speedball Art Products
2301 Speedball Rd
Statesville, NC 28677
800-898-7224

SECTION I: PRODUCT IDENTIFICATION

Product Name: Speedball Metal Powder

Product Number: Silver
10527B
10527C

SECTION II: HAZARDOUS INGREDIENTS

			Exposure Limits (mg/M³)		
Component	**CAS#**	**% by wt.**	**TLV/TWA**	**PEL**	**STEL**
Aluminum (*)	7429-90-5	98-99	10	15	5
Stearic Acid or	57-11-4	.5-2	N.E.	N.E.	N.E.
Isostearic Acid	30399-84-9	.5-2	N.E.	N.E.	N.E.

* The products listed in section I contain these chemicals which are subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 (SARA Title III) and 40 CFR 372.

Aluminum also appears on the TSCA inventory list and has been assigned number A072-7839

SECTION III: PHYSICAL DATA

Boiling Range: Aluminum 4766°F.
Evaporation Rate: Not applicable.
% Volatile by wt: None
Vapor pressure: Not applicable.
Vapor Density: Not Applicable.
Specific Gravity: Aluminum 2.7
Appearance and Odor: Silvery/Gray metallic looking powder with little odor.

SECTION IV: FIRE & EXPLOSION INFORMATION

Flash Point: Not applicable.
Flammable Limits in Air (by vol.): Lower- .035 oz. per cubic foot
Upper- Not Established
D.O.T. Flammability Classification: Aluminum Powder, Coated, UN1309, Class 4.1, PG II.
Extinguishing Media: NEVER employ water as an extinguishing agent on an aluminum fire. Water and aluminum, when combined, form hydrogen gas which can rapidly spread the fire. DO NOT use high velocity dry chemical extinguishing agents because they may disturb the burning powder to create a dangerous, potentially explosive, dust cloud. Sand or another inert material should be used to ring or dike the fire while allowing burning contents to extinguish itself.
Firefighting Procedures: Firefighters should wear self-contained breathing apparatus. See above for other information. See National Fire Protection Assoc. NFPA-65 for further information on handling and processing aluminum powder.
Unusual Fire and Explosion Hazards: Aluminum powder in bulk form is stable, but when suspended as airborne particulate, it can be potentially explosive. Use extreme care when transferring contents and use this product in areas deemed explosion proof.

SECTION V: HEALTH HAZARD DATA

Primary routes of entry: Skin & eye contact and breathing of airborne particulate.
Health Risks
Eyes & Skin: Aluminum dusts can be eye and mucous membrane irritants.
Inhalation: Prolonged exposure to airborne particulate may cause acute irritation of the nose and trachea resulting in a metallic taste or nasal ulceration.
Ingestion: Ingestion of aluminum is not considered toxic.
First Aid
Eyes: Flush eyes with plenty of water for 15 minutes. If irritation persists, seek medical attention. Avoid wearing of contact lenses.
Skin: Remove contaminated clothing and wash affected area with soap and warm water. If irritation persists, seek medical attention.
Inhalation: If breathing becomes difficult, leave area immediately and move to an area of fresh air. If breathing has stopped, begin artificial respiration procedures at once. Seek medical attention.
Ingestion: If swallowed, drink one or two glasses of water. DO NOT induce vomiting. Seek medical attention.
Medical Conditions Prone to Aggravation by Exposure: No observable effects on humans have yet been established as a result of chronic exposure to aluminum flake.
Carcinogenic Status: Not listed by NTP. IARC., or OSHA.

SECTION VI: REACTIVITY DATA

Stability: Product is stable in bulk form. As previously mentioned, airborne particulate (dust) can be potentially explosive. Use extreme caution when handling this product to avoid generating dust particulate. Aluminum will react with water to slowly generate hydrogen gas and heat. This reaction can be hazardous when attempting to store combined product in a sealed container as a result of extreme pressure build-up.
DO NOT attempt to store finished mixtures of water-based mediums and aluminum pigments or metallic pigments that contain aluminum flake as part of their blend.
Incompatibility: Strong alkalies, chlorates, bromates, mineral acids, strong oxidizing agents, silver chloride, iodates, chlorinated hydrocarbons, nitrites, nitrates, carbon disulfide, sodium peroxide plus carbon dioxide, sulfur dichloride, palladium, manganese, magnesium plus potassium chlorate, sodium carbonate, sulfates, diborane.
Hazardous Decomposition Products: Decomposition may yield hydrogen and noxious copper compounds.
Conditions to Avoid: See above.
Hazardous Polymerization: Will not occur.

SECTION VII: PRECAUTIONS FOR SAFE HANDLING AND USE

Small Spills: Small spills may be swept gently into a hazardous waste container. Avoid generating dust clouds. **Use non-sparking tools.**
Large Spills: Large spills should be handled in a similar manner. Avoid run-off into sewers, drains or other open bodies of water. Notify authorities if this has occurred.
Waste Disposal Methods: Dispose of in accordance with local, state and federal regulations.
Handling & Storage: Store product in an area away from extreme temperature conditions. Keep containers closed after use. **Keep dry.**
Other Precautions: KEEP AWAY FROM CHILDREN.

SECTION VIII: PROTECTION & CONTROL MEASURES

Respiratory Protection: Wear an appropriate (NIOSH approved) respirator during application if air monitoring demonstrates that airborne particulate exceeds recommended threshold limits.
Eye and Skin protection: Splash goggles and protective gloves are recommended to reduce the risk of eye and/or skin contact.
Ventilation: Ventilation sufficient in volume and pattern should be provided to keep air quality within approved OSHA levels.
Other Protective Clothing & Equipment: Eye wash and safety shower are recommended if using this product in large concentrations. Always wash hands thoroughly when finished using this product.

SECTION IX: OTHER IMPORTANT INFORMATION

This information must be made available upon request and may be reproduced without permission.
Please read precautions and warning statements on product label.

The Hazardous Communication Identification System (HMIS) has been included for information purposes only. The recommendations represents here are based on criteria supplied by the developer of the system (National Paint & Coatings Assoc.- NPCA), suppliers of Crescent Bronze and our own interpretation of the data provided and should be used in conjunction with the users own evaluation.

HEALTH:	1
FLAMMABILITY:	3
REACTIVITY:	3
PERS. PROTECT:	E

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.