



CAUTIONS AND HAZARDS

METALLIC PIGMENTS & PASTES

ALUMINUM WILL REACT CHEMICALLY IN THE PRESENCE OF WATER AND GIVE OFF NOXIOUS HYDROGEN (H₂) GAS. WHEN USING ALUMINUM WATER SYSTEMS, DO NOT SEAL AND STORE MIXTURE. USE AS SOON AS POSSIBLE AFTER MIXING.

Crescent Bronze Products containing Aluminum:

1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 13, 15, 16, 69, 81, 93, 115, 120, 200, 242, 325A, 400A, 623, 624-10, 711, 803, 806NL, 807, 825, 838, 849, 852, 861, 866, 867, 871, 877, 888, 891, 894, 2024, 2025, 10108P, 10109P, 10110P, 10111P.

HEALTH HAZARDS:

Bronze pigments are slightly toxic and inhalation of dust may cause acute irritation of the nose and/or throat or cause metal fume fever. Care should be taken to insure adequate ventilation and procedures should be followed to reduce exposure to airborne particles. A NIOSH-MSHA approved respirator should be utilized.

Aluminum pigment is toxic and causes acute irritation of eye, nose, lung, skin and mucous membrane. Minimize exposure by providing approved dust masks, safety glasses, gloves and other protective equipment.

FLAMMABILITY HAZARDS:

Aluminum pigment in bulk is difficult to ignite. However, once suspended in a dust-air cloud, it can be readily ignited and is very explosive. Avoid dust cloud generation. Use non-sparking tools when transferring contents. Aluminum pigments ideally are handled in explosion proof settings. Always keep unused containers tightly sealed.

In the event of an aluminum fire, never employ water as an extinguishing media. Water will react with hot aluminum and create hydrogen gas spreading the fire. Class D extinguishing materials are required. Smother and contain any flames using an inert granular material such as dry sand or an approved pigment-extinguishing agent such as Metal-X. If an extinguishing agent is used, it should be utilized with a low velocity nozzle so as not to generate potentially explosive dust clouds.

FLUORESCENT, PEARLESCENT, PHOSPHORESCENT PIGMENTS

HAZARDS:

Due to the dusting nature of these pigments, an appropriate respirator should be used to avoid irritation of the respiratory tract. Protective gloves and eye protection should also be used. Use only in well-ventilated areas as high dust concentrations may ignite explosively. These pigments will give off hazardous fumes when exposed to temperature over 1000°F.

For additional health & safety information, please refer to the appropriate product Material Safety Data Sheet.

It is incumbent upon the users to make careful tests to determine the suitability of any Crescent Bronze product for their use and particular production requirement. Because the end use of our products is beyond our control, we are not responsible for the results obtained and no warranty or guarantee, expressed or implied, is made with respect thereto.

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Crescent Bronze Powder Co., Inc., is an ISO 9001:2015 registered manufacturer.

