

SECTION I - IDENTIFICATION OF PRODUCT

SUPPLIER'S NAME Mason Color & Chemical Works, Inc.

EMERGENCY TELEPHONE NUMBER
216-385-4400

ADDRESS 250 E. 2nd Street, P. O. Box 76, East Liverpool, Ohio 43920

Date this form prepared Nov. 1, 1985. Responsible for Preparation *Ronald Mason* Chemical Family Inorganic Pigment

Trade Name & Synonyms Pastel Blue 6307 (1027) CAS Number 68608-09-3 *

Chemical name and Synonyms Co Sn Alumina Blue - Spinel Basic Chemical Formula $CoAl_2O_4/Co_2SnO_4$

SECTION II - HAZARDOUS INGREDIENTS

MATERIAL OR COMPONENT This product is a mixture of various amounts of oxides of several metals, salts and some compounds considered to be a nuisance dust; however, all of these components are homogeneously and ionically interfused to form certain chemical structures and the final product does not represent individual component.

ACGIH-TWA (1985-86) OSHA-PEL

0.1 mg/m³ as Co 0.1 mg/m³ as Co

10 mg/m³ as Alumina oxide

2 mg/m³ as Sn 2 mg/m³ as Sn

* Contains modifier(s).

SECTION III - PHYSICAL DATA

FREEzing POINT (°F)	APPEARANCE AND COLOR	SPECIFIC GRAVITY (WATER=1)	% VOLATILE BY VOLUME
N/A	Blue Powder - odorless	N/A	None
SOLUBILITY IN WATER	VAPOR PRESSURE (mm Hg)	VAPOR DENSITY (AIR=1)	EVAPORATION RATE
Trace	N/A	N/A	None

SECTION IV - FIRE AND EXPLOSIVE DATA

FLASH POINT (METHOD USED)	FLASHABLE LIMITS	LEL	UEL
Non-Flamable	N/A		

EXTINGUISHING MEDIA Carbon dioxide, dry chemical or water spray.

SPECIAL FIRE FIGHTING PROCEDURES Not a fire hazard. Wear self-contained breathing apparatus when large quantities are involved.

UNUSUAL FIRE AND EXPLOSION HAZARDS None expected.

SECTION V - HEALTH HAZARD DATA

OCCUPATIONAL EXPOSURE LIMITS

See Section II

EFFECT OF OVEREXPOSURE

Eye - May cause irritation.

Skin - Skin contact may cause allergic dermatitis.

Inhalation - Inhalation of concentration above the Occupational Exposure Limit may cause irritation of respiratory passages. For detail see Section IX, additional information.

Ingestion - Toxicity by this route is low.

EMERGENCY AND FIRST AID PROCEDURES

Eye - Flush thoroughly with potable water for 15 minutes. Consult physician.

Skin - Remove contaminated clothing, wash thoroughly with soap & water. Consult physician.

Inhalation - Remove to fresh air. May give oxygen. Consult physician.

Ingestion - Induce vomiting if conscious. Consult physician.

STABILITY	UNSTABLE	CONDITIONS TO AVOID	HAZARDOUS POLYMERIZATION	MAY OCCUR	CONDITIONS TO AVOID
	STABLE X	N/A		WILL NOT OCCUR X	N/S

INCOMPATIBILITY (MATERIALS TO AVOID) N/A

HAZARD DECOMPOSITION PRODUCTS

Toxic Fumes of oxides may be present during decomposition.

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Contain spill. Pick up the spill in an appropriate container for disposal.

WASTE DISPOSAL METHOD

Dispose in accordance with Federal, State and Local Laws.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (SPECIFIC TYPE) Use NIOSH approved respiratory protection where airborne level exceeds appropriate Occupational Exposure Limit.

VENTILATION	LOCAL EXHAUST X	SPECIAL N/A
	MECHANICAL (GENERAL) X	OTHER Adequate to maintain below exposure limit.

PERSONAL PROTECTIVE EQUIPMENT Wear appropriate gloves and goggles to avoid skin and eye contact. Safety showers and eyewash stations must be present in work area.

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTION TO BE TAKEN IN HANDLING AND STORING Keep container closed. Protect against physical damage. Avoid contact with eyes, skin and clothing.

OTHER PRECAUTIONS Avoid breathing and use only with adequate ventilation. Wash thoroughly after handling. No food or beverage should be consumed in work area.

ADDITIONAL INFORMATION

Chronic pulmonary disease has been reported in workers in the cemented carbide industry where cobalt is used. This effect has not been reported in workers using cobalt oxide.

Long term exposure to silica dust can cause silicosis, which is characterized by shortness of breath.