

COLOR-FLO™ LIQUID COLORS

SOLOMON COLORS

• Material Safety Data Sheet



I. PRODUCT IDENTIFICATION

PRODUCT NAME SGS Color-Flo Liquid Concrete Colors
 CHEMICAL FAMILY Inorganic Metal Oxide
 CHEMICAL NAME Iron (III) Oxide
 SYNONYMS ColorFlo™, Iron Oxide Slurry
 CAS NUMBER 1309-37-1, 18624-44-7, 1317-61-9
 DOT CLASS Not regulated
 OSHA HAZARD COMMUNICATION STATUS Nuisance Dust
 CHEMICAL FORMULA Fe₂O₃, Fe₂O₃; H₂O, Fe₃O₄

II. INGREDIENTS

COMPONENTS	%	OSHA-PEL	ACGIH-TLV
Iron (III) Oxide	Proprietary	None Est.	None Est.

III. PHYSICAL DATA

APPEARANCE Liquid
 COLOR Buff, Tan, Yellow, Brown, Black, Red
 ODOR None
 MELT POINT/FREEZE POINT 28° F
 BOILING POINT 160 – 200° F
 VAPOR PRESSURE Not known
 SPECIFIC GRAVITY 1.7 – 1.9
 BULK DENSITY 14 – 16 lb./gallon
 SOLUBILITY IN WATER Very slightly
 % VOLATILE BY VOLUME Not known

IV. FIRE AND EXPLOSION DATA

FLASH POINT °F (°C) Not applicable
 FLAMMABLE LIMITS
 Lel Not applicable
 Uel Not applicable
 EXTINGUISHING MEDIA Not flammable
 SPECIAL FIRE FIGHTING PROCEDURES None
 UNUSUAL FIRE & EXPLOSIVE HAZARDS None

V. REACTIVITY DATA

STABILITY Stable
 INCOMPATIBILITY None
 HAZARDOUS DECOMPOSITION OR BY-PRODUCTS None
 HAZARDOUS POLYMERIZATION Will not occur

VI. HUMAN HEALTH DATA

PRIMARY ROUTE(S) OF EXPOSURE Eye and skin contact, inhalation, ingestion
 HUMAN EFFECTS AND SYMPTOMS OF
 OVEREXPOSURE ACUTE None known
 CHRONIC None known
 MEDICAL CONDITIONS AGGRAVATED
 BY EXPOSURE None known
 CARCINOGENICITY None known
 EXPOSURE LIMITS
 OSHA PEL Not established
 ACGIH TLV Not established

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VI. HUMAN HEALTH DATA (continued)

EMERGENCY & FIRST AID PROCEDURES

EYE CONTACT	Flush eyes with plenty of water, lifting lids periodically for at least 15 minutes. Consult a physician if irritation persists.
SKIN CONTACT	Wash with soap and water.
INHALATION	Remove from dusty area to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen. Call a physician.
INGESTION	Immediately contact a physician.

VII. PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL

IS RELEASED OR SPILLED	Common housekeeping, vacuum or scoop material into a container for reclamation or disposal.
WASTE DISPOSAL METHOD	Material which cannot be reclaimed should be landfilled in accordance with local, state and federal regulations.
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE	Store above freezing.
OTHER PRECAUTIONS	Keep containers sealed to keep the product from drying out.

VIII. CONTROL MEASURES

RESPIRATORY PROTECTIONS	None
VENTILATION	None
PROTECTIVE GLOVES	Rubber gloves
PROTECTIVE GLASSES	Safety glasses or goggles
OTHER	None
WORK/HYGIENE PRACTICES	Wash thoroughly after handling and before eating.

IX. SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE	Material should be kept in airtight water-proof container. Avoid contact with eyes and skin. Wash thoroughly after handling.
OTHER	None

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