

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	Fe ₂ O ₃ , Fe ₂ O ₃ ; H ₂ O, Fe ₃ O ₄

II. INGREDIENTS

<u>COMPONENTS</u>	<u>%</u>	<u>OSHA-PEL</u>	<u>ACGIH-TLV</u>
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

(continued on back)



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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