

PO Box 8288 Springfield, IL 62791 1-800-624-0261

MATERIAL SAFETY DATA SHEET Concentrated Mortar Color No. 80, 85, 97 3/15/2011

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SECTION 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME SGS Concentrated Mortar Color No. 80, 85, 97

CHEMICAL FAMILY/ALTERNATE IDENTIFIERS Inorganic Metal Oxides, Iron (III) Oxide, Ferric Oxide,

Carbon Blend

FORMULABlends of Fe₂O₃, Fe₃O₄ and C

COMPANY IDENTIFICATION: . . Solomon Colors, Inc.

4050 Color Plant Road Springfield, IL 62702 USA

FOR INFORMATION CALL: 217-522-3112

SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS #	<u>WT.%</u>	OSHA PEL	ACGIH TLV
Iron (III) Oxide (Fe ₂ O ₃ , Fe ₃ O ₄ , H ₂ O)	1309-37-1	72+%	None est.	None est.
Carbon Black (C)	1333-86-4	<28%	3.5 mg/m ³	3.5 mg/m^3

SECTION 3. HAZARDS IDENTIFICATION

EYES: May cause eye irritation. SKIN: May cause skin irritation.

INGESTION: Large oral dosages may cause irritation of the digestive tract.

INHALATION: May cause irritation to the respiratory tract. Symptoms may include coughing and shortness of breath.

CHRONIC EXPOSURE: No chronic health effects are known from repeated exposure to iron oxide pigments.

SECTION 4. FIRST AID MEASURES

EYES: Flush eyes with generous amounts of water for at least 15 minutes lifting lids occasionally. Call a physician if irritation persists.

SKIN: Wash with mild soap and water. Remove contaminated clothing. If irritation develops, consult a physician.

INGESTION: Immediately contact a physician.

INHALATION: Remove to fresh air. If there is difficulty breathing, call a physician.

SECTION 5. FIRE FIGHTING MEASURES

FLASH POINT Not Applicable.
FLAMMABLE LIMITS (C). 500 to 700 in air.

EXTINGUISHING MEDIA Water

SPECIAL FIRE FIGHTING PROCEDURES. Firefighters should use self-contained breathing apparatus. Normal fog or nozzle jet application of water and/or exclusion of air. Burning carbon black can produce monoxide and sulfur dioxides. Use a NIOSH approved respirator for protection from possible exposure during a fire. Exercise caution as it may not be obvious that it is burning unless stirred and sparks are present.

SECTION 6. ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE OR SPILLS: Common housekeeping, vacuum, or scoop material into a container for reclamation or disposal.

SECTION 7. HANDLING AND STORAGE

STORAGE: Keep container dry and tightly closed in cool and well-ventilated place.

SECTION 8. EXPOSURE CONTROLS, PERSONAL PROTECTION

RESPIRATORY PROTECTION. NIOSH approved respirators for dust when required.

VENTILATION REQUIREMENTS..... Local exhaust for dust when required.

EYE PROTECTION...... Safety glasses if appropriate for job conditions.

OTHER..... Wash thoroughly after handling and before eating. Keep dust away

from food and beverages.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE Fine, Dry Powder

COLOR Black
ODOR Odorless

VAPOR PRESSURE 4 to 5

SOLUBILITY IN WATER Insoluble

SECTION 10. STABILITY AND REACTIVITY

HAZARDOUS POLYMERIZATION Will not occur

SECTION 11. TOXICOLOGICAL INFORMATION

Toxicological studies of a comparable product indicate acute toxicity: LD50 oral, rat: >5000 mg/kg Skin and mucous membrane compatibility, rabbit: skin 24 hours exposure – non-irritant Eyes – non-irritant.

Under extreme conditions mechanical action arising from eye contact (action of dust) may cause slight temporary irritation of mucosa.

SECTION 12. ECOLOGICAL INFORMATION

Toxicological studies of a comparable product indicate:

Acute fish toxicity: LCO = > 1000 mg/l Test species: Golden Orfe (Leuciscus idus) Acute bacterial toxicity: no harmful effect on Pseudomonas flourescens: > 1000 mg/l

As the product is practically insoluble in water, it is separated in almost any filtration and sedimentation process.

SECTION 13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL: Material which cannot be reclaimed should be disposed of in accordance with local, state, and federal regulations.

SECTION 14. TRANSPORT INFORMATION

DOT: Non-regulated

Hazard Class: Non-regulated

Label: Not required

SECTION 15. REGULATORY INFORMATION

No labeling is required for this material, in accordance with EC Directives.

SECTION 16. ADDITIONAL INFORMATION

THE INFORMATION AND RECOMMENDATIONS CONTAINED HEREIN ARE BASED UPON DATA BELIEVED TO BE CORRECT. HOWEVER, NO GUARANTEE OR WARRANTY OF ANY KIND EXPRESSED OR IMPLIED

IS MADE WITH RESPECT TO 7 (REVISION 3/2011)	THE INFORMATION (CONTAINED HEREIN.		
Solomon Colors INC	MSDS	Concentrated Mortar	Color No 80 85 97	Рабе