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MATERIAL SAFETY
DATA SHEET
Concentrated Mortar Color
No. 80, 85, 97
1/20/2015

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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

FORMULA Blends 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

<u>CHEMICAL NAME</u>	<u>CAS #</u>	<u>WT.%</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
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 10. STABILITY AND REACTIVITY

STABILITY Stable under ordinary conditions. At temperatures above 300°C the product may become unstable and oxidize. This generates additional heat which, under unfavorable conditions, may result in combustion of flammable materials. This product should not be stored near heat sources.

INCOMPATIBILITY None Known

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS Carbon may form Carbon monoxide, carbon dioxide or sulfur oxides if present.

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 fluorescens*: > 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 THE INFORMATION CONTAINED HEREIN.

(REVISION 1/2015)