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MATERIAL SAFETY DATA SHEET

SECTION 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME SGS Nos. SG 500 Green
CHEMICAL FAMILY/ALTERNATE IDENTIFIERS Chrome Oxide, Chromic Oxide, Chromium Oxide
FORMULA Cr₂O₃
COMPANY IDENTIFICATION: Solomon Colors, Inc.
4050 Color Plant Road
Springfield, IL 62702

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>
Chrome (III) Oxide	1308-38-9	99+%	0.5 mg/M ³	0.5 mg/M ³ TWA
Proprietary	Trade Secret	<5%	15mg/m ³	10mg/m ³
Proprietary	Trade secret	<5%	15mg/m ³	10mg/m ³

SECTION 3. HAZARDS IDENTIFICATION

EYES: May cause eye irritation.
SKIN: May cause skin irritation.
INGESTION: May cause irritation of the digestive tract.
INHALATION: Repeated and prolonged exposures to trivalent chromium may cause delayed effects involving the respiratory system.

CALIFORNIA PROPOSITION 65: This material may contain approximately 150 ppm hexavalent chromium. Hexavalent chromium is on the California Governor’s list of “chemicals known to cause cancer or reproductive toxicity”. The California Health and Welfare Agency has established a “no significant risk” level for hexavalent chromium of .001 micrograms/day. Workplace exposure to this product below the TLV for chromic oxide could result in exposures to hexavalent chromium in excess of 0.001 micrograms/day. Appropriate warnings should be given.

SARA TITLE III, Section 313: This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Right-to-Know Act (EPCRA) for 1986 and of 40 CFR 372: Chromium compound – 99+% CAS# 1308-38-9. This information must be included in all MSDSs that are copied and distributed for this material.

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. Call a physician.

SECTION 5. FIRE FIGHTING MEASURES

FLASH POINT Not Applicable.

FLAMMABLE LIMITS Not Applicable

EXTINGUISHING MEDIA Not flammable.

SPECIAL FIRE FIGHTING PROCEDURES. Firefighters should use self-contained breathing apparatus.

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: Store in a dry area.

SECTION 8. EXPOSURE CONTROLS, PERSONAL PROTECTION

RESPIRATORY PROTECTION. NIOSH approved respirators for dust when required.

VENTILATION REQUIREMENTS. Local exhaust for dust when required.

PROTECTIVE GLOVES. Rubber, plastic, or cloth if appropriate for job conditions.

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 Dry Pellets/Granules

COLOR Green

ODOR Odorless

MELT/FREEZING POINT Not Applicable

BOILING POINT (DEG F) Not Applicable

DENSITY 5.1-5.2 g/cc

pH Not available.

VAPOR PRESSURE Not Applicable

BULK DENSITY 75 lbs. per cubic ft.

SOLUBILITY IN WATER 0.3%

SECTION 10. STABILITY AND REACTIVITY

STABILITY Stable

INCOMPATIBILITY. None Known

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS None Known

HAZARDOUS POLYMERIZATION Will not occur

SECTION 11. TOXICOLOGICAL INFORMATION

HUMAN EFFECTS AND SYMPTOMS OF OVEREXPOSURE: This product contains chrome oxide which is a stable crystal structure. Prolonged overexposure to airborne dust of certain chromium compounds is known to cause adverse effects on the lungs.

Chromic Oxide fed to rats in dosages up to 5% for two years produced no treatment related effects.

SECTION 12. ECOLOGICAL INFORMATION

No information available.

SECTION 13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL: Material which cannot be reclaimed should be disposed of in accordance with local, state, and federal regulations. Pursuant to 40 CFR part 261 of the Resource Conservation and Recovery Act (RCRA), discarded Chromium (III) Oxide would not be classified as a hazardous waste.

SECTION 14. TRANSPORT INFORMATION

DOT: Non regulated

Hazard Class: Non regulated

Label: Not required

SECTION 15. REGULATORY INFORMATION

FEDERAL:

TOXIC SUBSTANCES CONTROL ACT (TCSA): Chromic Oxide is on the 8(b) inventory list (40 CFR 710).

FEDERAL WATER POLLUTION CONTROL ACT, CLEAN WATER ACT, 40 CFR 116: Chromic Oxide is not covered by the clean water act.

CLEAN AIR ACT, 40 CFR 60, SECTION 111, 40 CFR 61, SECTION 112: Chromic Oxide is not covered by the clean air act.

OSHA HAZARD COMMUNICATION RULE , 29 CFR 1910.1200: Chromic Oxide is hazardous under this rule. ACGIN TLV 0.5 mg/m³ TWA as Cr.

SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 (SARA TITLE III) CERCLA, 40 CFR 117, 302: Chromic Oxide is subject to reporting requirements of Sections 311, 312, 313. Chromic Oxide does not have a listed reportable quantity and is not listed in appendix A and B, 40 CFR 355 as an extremely hazardous substance.

STATE:

CALIFORNIA PROPOSITION 65: This material may contain approximately 150 ppm hexavalent chromium. Hexavalent chromium is on the California Governor's list of "chemicals known to cause cancer or reproductive toxicity". The California Health and Welfare Agency has established a "no significant risk" level for hexavalent chromium of .001 micrograms/day. Workplace exposure to this product below the TLV for chromic oxide could result in exposures to hexavalent chromium in excess of 0.001 micrograms/day. Appropriate warnings should be given. This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all of the information required by those regulations.

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 4/2011)