

SAFETY DATA SHEET

SECTION 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identifier G and GS Series Colors (G302, G303, G307, G318, G322, G324, G325, G330, G332, G333, G337, G339, G343, G344, G346, G350, G357, G360-G362, G381-G383, G385, G386, GS501-GS504, SSW102)			
Product Use Glass enamels/Colorant			
Manufacturer's Name Colors for Earth, LLC		Supplier's Name	
Street Address 104 Finneyoaks Lane		Street Address	
City Weatherford	Province TX	City	Province
Postal Code 76085	Emergency Telephone 817-366-8428	Postal Code	Emergency Telephone
Date SDS Prepared/Revised 3/30/2018		SDS Prepared By SDS Department	

SECTION 2 — COMPOSITION/INFORMATION ON INGREDIENTS (also see addendum)

Hazardous Ingredients <i>(specific)</i>	%	CAS Number	LD ₅₀ of Ingredient <i>(specify species and route)</i>	LC ₅₀ of Ingredient <i>(specify species)</i>
Crystalline Silica*		14808-60-7		
Crystalline Silica only becomes a hazard when dispersed in the air or when this product is sprayed.				
Aluminum Hydrate**		21645-51-2		
TiO ₂ **		13463-67-7		
Mica*		12001-26-2		
Chromium III compounds**				
Nickel (insoluble compounds)**				
Zirconium**				
* The exact percentage of composition has been withheld as a trade secret.				

SECTION 3 — HAZARDS IDENTIFICATION

The potential hazardous ingredients (listed in section 2) have been chemically reacted at high temperatures and are homogeneously and ionically interdiffused to form essentially insoluble pigment crystals with a crystalline matrix of spinel. This means they do not necessarily have any of the properties of its component oxides or metals.

Potential Health Effects:

Long term inhalation of silica dust or mists, over an extended period of time may result in injury to the lungs or silicosis

Route of Entry

Skin Contact

Skin Absorption

Eye Contact

Inhalation

Ingestion

SECTION 4 — FIRST AID MEASURES

Skin Contact:

Wash affected area with plenty of water and soap, for several minutes.

Eye Contact:

Immediate flush eyes for at least 15 min with running water. Hold eyelids apart to insure rinsing of the entire eye surface and lids with water. Get immediate attention if irritation develops.

Inhalation:

If inhaled, remove from the area to fresh air. Get medical attention if respiratory irritation develops or if breathing becomes difficult.

Ingestion:

If swallowed, give at least 3-4 glasses of water, but do not induce vomiting.

SECTION 5 — FIRE FIGHTING MEASURES

Flammable <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes, under which conditions?	
Means of Extinction: Water mist; CO2, Dry Chemical, Foam		
Flashpoint (° C) and Method Not Applicable	Upper Flammable Limit (% by volume) N/A	Lower Flammable Limit (% by volume) N/A
Autoignition Temperature (°C) N/A	Explosion Data — Sensitivity to Impact N/A	Explosion Data — Sensitivity to Static Discharge N/A
Hazardous Combustion Products N/A		
[NFPA] Fire fighters should wear self-contained breathing apparatus and full protective clothing when fighting chemical fires.		

SECTION 6 — ACCIDENTAL RELEASE MEASURES

Leak and Spill Procedures

Uncontaminated material may be recovered and used, otherwise clean up with paper towels and dispose of in trash receptacle. Avoid generation of dust. Do not flush into surface water or sanitary sewer system.

SECTION 7 — HANDLING AND STORAGE

Handling Procedure

Avoid contact with eyes and clothing. Use adequate ventilation. Minimize dust generation during handling. If spraying, use NIOSH approved respirator for dust and mist is required. Practice good housekeeping.

Storage Requirements

Close lid tightly to prevent dust generation. Store in dry area.

SECTION 8 — EXPOSURE CONTROL / PERSONAL PROTECTION

Exposure Limits

ACGIH TLV

OSHA PEL

Other (*specify*)

Specific Engineering Controls (*such as ventilation, enclosed process*): use in well ventilated areas.

Personal Protective Equipment Gloves Respirator

Eye

Footwear

Clothing

Other

If checked, please specify type
Goggles; clothing to cover legs and arms.

SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

Physical State Powder	Odor and Appearance Varied colors	Odor Threshold (ppm) none
Specific Gravity	Vapor Density (air = 1) 1	Vapor N/A Pressure (mmHg)
Evaporation Rate	Boiling Point (° C) N/A	Freezing Point (° C) N/A
pH	Coefficient of Water/Oil Distribution	[Solubility in Water] insoluble

SECTION 10 — STABILITY AND REACTIVITY

Chemical Stability <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If no, under which conditions?
Incompatibility with Other Substances <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes, which ones?
Reactivity, and under what conditions?	

SECTION 11 — TOXICOLOGICAL INFORMATION

Effects of Acute Exposure Skin irritation; respiratory irritation; eye irritation	
Effects of chronic exposure: Prolonged inhalation of silica dust or mists, over an extended period of time may result in injury to the lungs or silicosis.	
Irritancy of Product: Abrasive	
Skin sensitization	Respiratory sensitization
Carcinogenicity-IARC: no	Carcinogenicity - ACGIH
Reproductive toxicity: unknown	Teratogenicity: unknown
Embrototoxicity: unknown	Mutagenicity: unknown
Name of synergistic products/effects	

SECTION 12 — ECOLOGICAL INFORMATION

[Aquatic Toxicity]:

Do Not disperse in ponds or bodies of water

13 — DISPOSAL CONSIDERATIONS

Waste Disposal:

Dispose in accordance with Federal, State and Local regulations

SECTION 14 — TRANSPORT INFORMATION

Special Shipping Information: Protect against physical damage

PIN

TDG :
Not regulated

[DOT]

Non – Hazardous; Not regulated

[IMO]

[ICAO]

SECTION 15 — REGULATORY INFORMATION

[WHMIS Classification] : D2B

[OSHA]:

[SERA]: Not subject
to the provisions of
SR 313 title III

[TSCA]:
Not subject to
TSCA export
notification

SECTION 16 — OTHER INFORMATION

The information and recommendations contained in this SDS have been compiled from sources believed to be reliable and represent the most reasonable current opinion on the subject when this SDS was prepared. No warranty, guaranty or representation is made as to the correctness or sufficiency of the information. The user of these products must decide what safety measures are necessary to safely use these products, either alone or in combination with other products, and determine the environmental regulatory compliance obligations under any applicable federal, state or local laws.

Addendum:

Other CAS numbers:

68186-88-9

68186-90-3

68201-65-0

68187-15-5

68186-95-8

68412-74-8

66402-68-4

1314-13-2

7440-67-2

12001-26-2

13463-67-7

18282-10-5

1317-80-2

1309-37-1

End of SDS