

# SAFETY DATA SHEET

Conforms to OSHA HazCom 2012 and WHMIS 2015  
Product: NuGrout Colorant and Sealer



Revision Date: 2015-10-26

## SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: NuGrout Colorant and Sealer  
Recommended Use(s): Recolor grout, ready to use  
Non-Recommended Use(s): Not specified  
Manufacturer: CENTURA PAINT MANUFACTURING, Inc.  
4300 NW 1st Ave, Boca Raton, FL 33431  
Email: info@nugrout.com  
Url: www.nugrout.com  
Emergency Contact: Chemtrec 800424-9300 (within the USA), 202-483-7616 (outside of the USA)

## SECTION 2. HAZARD IDENTIFICATION

**Signal Words:** Danger

### Hazard Symbols



### Hazard Statements

H302 Harmful if swallowed.  
H315 Causes skin irritation. May cause eye irritation.  
H370 Causes damage to organs (Central nervous system, Kidney) if swallowed.  
H373 May cause damage to organs (Kidney) through prolonged or repeated exposure if swallowed

### Precautionary Statements

**Prevention** P264 Wash hands thoroughly after handling.  
P270 Do not eat, drink or smoke when using this product.  
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.  
P260 Do not breathe dust/ fume/ gas/ mist/ vapors/ spray.

**Response** P301 + P312 IF SWALLOWED: Call a POISON CENTER or doctor/ physician if you feel unwell.  
P330 Rinse mouth.  
P302 + P352 IF ON SKIN: Wash with plenty of soap and water.  
P332 + P313 If skin irritation occurs: Get medical advice/attention.  
P362 Take off contaminated clothing and wash before reuse.  
P307 + P311 IF exposed: Call a POISON CENTER or doctor/ physician. P314 Get medical advice/ attention if you feel unwell.

**Storage** P405 Store locked up.

**Disposal** Dispose of contents/container in accordance with local regulations.

### HMIS Codes

Health: 2  
Flammability: 1  
Reactivity: 0  
Personal Protection

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## Routes of Exposure

Inhalation: ..... Yes  
Skin Contact: ..... Yes  
Eye Contact: ..... Yes  
Ingestion: ..... Yes

## Target Organs

Blood: ..... No  
Eyes: ..... Yes  
Kidneys: ..... Yes  
Liver: ..... No  
Lungs: ..... Yes  
Central Nervous System: ..... Yes  
Reproductive: ..... No  
Skin: ..... Yes

## Effects of Overexposure

INHALATION: ..... May cause irritation of the respiratory tract.  
SKIN: ..... This product may cause skin irritation.  
EYES: ..... Avoid contact with eyes. Contact with eyes may cause irritation.  
INGESTION: ..... May be harmful if swallowed.  
OTHER: ..... No data found.

## SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

Component / Occupational Exposure Limits		CAS No.	% By Weight
Titanium Dioxide	No Exposure Limits Established	13463-67-7	16.19
Ethylene Glycol*	OSHA VPEL: 50.00 ppm - Ceiling ACGIH TLV: 100.00 mg/m3 - Aerosol Ceiling	107-21-1	2.36

(\*) Indicates toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372.

## SECTION 4. FIRST-AID MEASURES

**INHALATION:** If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult give oxygen. Get medical attention.

**SKIN CONTACT:** Remove and wash contaminated clothing before re-use. Wash off immediately with soap and plenty of water. If irritation occurs, seek medical attention.

**EYE CONTACT:** In case of eye contact, flush the eyes with water for 15 minutes. If contact lenses are worn, quickly remove them then flush the eyes with plenty of water. If irritation persists, have a physician examine the eyes.

**INGESTION:** Seek immediate medical attention. Do not induce vomiting. If vomiting occurs spontaneously, keep the head below the hips to prevent aspiration of liquid into the lungs.

**NOTE TO PHYSICIAN:** Treat symptomatically.

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## SECTION 5. FIREFIGHTING MEASURES

**FLASH POINT:** N/A

**METHOD USED:** N/A

**EXPOSURE LIMITS:**

Lower (LEL): No Data Found

Upper (UEL): No Data Found

**FLAMMABILITY:** N/A

**CLASSIFICATION:**

**EXTINGUISHING MEDIA:** Carbon dioxide (CO2). Dry chemical. Foam. Water may be ineffective. If area is heavily exposed to fire and if conditions permit, let the fire burn itself out since water may increase the area contaminated. Use dry chemical, CO2, water spray or "alcohol" foam.

**SPECIFIC METHODS:** If potential for exposure to vapors or products of combustion exists, wear full firefighting turnout gear and NIOSH approved self-contained breathing apparatus. In the event of fire, cool containers/tanks with water spray. Keep personnel removed from and upwind of fire.

**UNUSUAL HAZARDS:** Closed containers may explode (due to the build-up of pressure) when exposed to extreme heat. During emergency conditions overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

**PERSONAL PRECAUTIONS:** Avoid contact with skin, eyes and clothing. Use appropriate personal protective equipment. For guidance on selection of personal protective equipment see Section 8, "Engineering Controls and Personal Protection Equipment" of this SDS. Ensure adequate ventilation. Remove all sources of ignition, use spark-proof tools and explosion-proof equipment.

**ENVIRONMENTAL PRECAUTIONS:** Prevent this material from entering sewers and watercourses by diking or impounding the spilled material. Advise authorities if the product has entered or may enter, sewers, watercourses, or extensive land areas.

**METHODS FOR CLEANUP:** Soak up with inert absorbent material. Sweep up and shovel into suitable covered containers. Dispose of according to all applicable federal, state and local regulations. Use non-sparking tools (bronze, aluminum, plastic, wood) to clean up spill.

## SECTION 7. HANDLING AND STORAGE

**HANDLING:** Use only in area provided with appropriate exhaust ventilation. Always open containers slowly to allow any excess pressure to vent.

**STORAGE CATEGORY:** DO NOT FREEZE. Keep container tightly closed. Keep away from open flames, hot surfaces and sources of ignition. Keep away from direct sunlight. Store on an impermeable floor. Do not store with incompatible materials. See Section 10, "Stability and Reactivity."

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## SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### EXPOSURE LIMITS:

Chemical Name	ACGIH	OSHA
Titanium Dioxide	10 mg/m <sup>3</sup> - TWA	15 mg/m <sup>3</sup> - TWA
Ethylene Glycol	100 mg/m <sup>3</sup> - Aerosol ceiling	50 ppm - Ceiling

### ENGINEERING CONTROLS:

Use only with adequate ventilation. Avoid contact with skin and eyes. Avoid breathing vapor and spray mist. Wash hands after using. This coating may contain materials classified as nuisance particulates (listed "as Dust" in Section 2) which may be present at hazardous levels only during sanding or abrading of the dried film. If no specific dusts are listed in Section 2, the applicable limits for nuisance dusts are ACGIH TLV 10 mg/m<sup>3</sup> (total dust), 3 mg/m<sup>3</sup> (respirable fraction), OSHA PEL 15 mg/m<sup>3</sup> (total dust), 5 mg/m<sup>3</sup> (respirable fraction). Removal of old paint by sanding, scraping or other means may generate dust or fumes that contain lead. Exposure to lead dust or fumes may cause brain damage or other adverse health effects, especially in children or pregnant women. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as properly fitted respirator (NIOSH approved) and proper containment and cleanup. For more information, call the National Lead Information Center at 1-800-424-LEAD (in US) or contact your local health authority.

### RESPIRATORY PROTECTION:

Local exhaust is recommended to ensure adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment. If needed, use a NIOSH/MSHA approved respirator equipped with organic vapor cartridges and P100 filters. For emergencies and unknown concentrations, use supplied-air respiratory protection or a positive pressure, self-contained, breathing apparatus (SCBA).

### HAND PROTECTION:

Wear solvent-resistant gloves (butyl rubber or neoprene). Gloves should be replaced immediately if signs of degradation are observed.

### EYE PROTECTION:

Wear safety glasses with side-shields. If extra protection is required; wear a face-shield over the safety glasses or splash goggles. Face-shields are only effective if worn in addition to safety glasses or splash goggles. An emergency eye wash should be readily available.

### SKIN PROTECTION:

Wear protective clothing if deemed appropriate.

### OTHER DATA:

Good personal hygiene and good housekeeping are important. Spilled material may cause the floor or contaminated area to become slippery.

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## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state .....	Liquid
Color .....	Various
Odor .....	Mild
Odor threshold .....	Not available
pH (in water) .....	Not available
Melting/freezing point .....	0°C (32°F)
Boiling point .....	100°C (212°F)
Flash point .....	>93.3°C (200°F)
Evaporation rate .....	Slower than Ether
Flammability .....	Nonflammable
Upper Explosive Limit .....	Not available
Lower Explosive Limit .....	Not available
Vapor pressure .....	Not available
Vapor density .....	Heavier than air
Specific gravity (kg/L) .....	1.26
Solubility uncured .....	Not available
Solubility cured .....	Not available
Octanol/Water coefficient .....	Not available
Auto-ignition temperature .....	Not available
Decomposition temperature .....	Not available
Viscosity (kcPs @ 21°C [70°F]) .....	Not available
Oxidizing Properties .....	Not available
Explosive Properties .....	Not available
VOC content (g/l) .....	110

## SECTION 10. CHEMICAL STABILITY AND REACTIVITY INFORMATION

<b>CHEMICAL STABILITY:</b>	Stable under recommended storage conditions.
<b>INCOMPATIBILITY:</b>	No data found.
<b>HAZARDOUS DECOMPOSITION PRODUCTS:</b>	By fire: Carbon Dioxide, Carbon Monoxide.
<b>HAZARDOUS POLYMERIZATION:</b>	Hazardous polymerization does not occur.

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## SECTION 11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY:	Ingredient	CAS No.	Oral LD50	Dermal LD50	Inhalation LC50
	Ethylene Glycol	107-21-1	4000 mg/kg (Rat)	Rabbit 9530 uL/kg (Rabbit)	
	Titanium Dioxide	13463-67-7	> 900 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	6.82 mg/L (Rat, 4 hr)

**CHRONIC TOXICITY:** No data found.

CARCINOGENIC EFFECTS:	Ingredient	IARC	NTP	OSHA
	Titanium Dioxide	2B - Possible Human Carcinogen		Listed

IARC's Monograph No.93 reports there is sufficient evidence of carcinogenicity in experimental rats exposed to titanium dioxide but inadequate evidence for carcinogenicity in humans and has assigned a Group 2B rating. In addition, the IARC summary concludes, "No significant exposure to titanium dioxide is thought to occur during the use of products in which titanium is bound to other materials, such as paint.

**MUTAGENIC EFFECTS:** No data found.

**REPRODUCTIVE TOXICITY:** No data found.

**TARGET ORGAN SYSTEM TOXICANT-TOXICANT-SINGLE:** Routes of exposure: Ingestion  
Target Organs: Central nervous system, Kidney  
Causes damage to organs. Ingestion may cause inebriation, nausea and vomiting, metabolic acidosis, and CNS depression. Tachycardia, hypertension, hyperventilation, hypoxia and renal failure are also possible.

**TARGET ORGAN SYSTEM TOXICANT-REPEATED EXPOSURE:** Routes of exposure: Ingestion  
Target Organs: Kidney  
May cause damage to organs through prolonged or repeated exposure. Kidney and bladder effects due to the formation of oxalate crystals may occur following prolonged exposure to high oral doses.

## SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity Effect	Ethylene Glycol	Titanium Dioxide
Acute Toxicity to Fish	No information available	LC50: >1000 mg/L (Fathead Minnow, 96 hr)
Acute Toxicity to Aquatic Invertebrates	No information available	No information available
Acute Toxicity to Aquatic Plants	No information available	No information available
Persistence/Degradability	No information available	No information available
Bioaccumulation/Accumulation	No information available	No information available

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## SECTION 13. DISPOSAL CONSIDERATIONS

**METHOD:** As the US Environmental Protection Agency (EPA), state, regional, and other regulatory agencies may have jurisdiction over the disposal of the waste generated, it is incumbent upon the waste generator to learn of and satisfy all of the waste disposal requirements which affect them. US EPA Hazardous Waste Numbers are applicable to the unadulterated product if it enters the "waste stream".

**US EPA HAZARDOUS WASTE NUMBERS:** None

## SECTION 14. TRANSPORTATION INFORMATION [ADR-UN, DOT, ICAO, IMDG, TDGR]

The data provided in this section is for information only and may not be specific to your package size or mode of transport. You will need to apply the appropriate regulations to properly classify your shipment for transportation.

**US GROUND (DOT):** Not Regulated for Transportation.

**DOT (DEPT. OF TRANSPORTATION) HAZARDOUS SUBSTANCES & REPORTABLE QUANTITIES:** Not Regulated for Transportation.

**BULK CONTAINERS MAY BE SHIPPED AS (CHECK REPORTABLE QUANTITIES):** Not Regulated for Transportation.

**CANADA (TDG):** Not Regulated for Transportation.

**IMO:** Not regulated by US DOT for domestic ocean transport to Hawaii, Alaska, Puerto Rico, and US territories.

**IATA / ICAO:** Not Regulated for Transportation.

## SECTION 15. REGULATORY INFORMATION

**SARA 313:** Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical(s) which are subject to the reporting requirements of the Act and 40 CFR Part 372:

CHEMICAL COMPONENT	CAS No.	% By Weight
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\*\*\* NO REPORTABLE QUANTITIES OF HAZARDOUS INGREDIENTS ARE PRESENT \*\*\*

**TSCA 12 b:** All chemicals in this product are listed, or are exempt from listing, on the TSCA Inventory.

**CALIFORNIA PROPOSITION 65:** This product may contain small amounts of materials known to the state of California to cause cancer or reproductive harm.

STATE RIGHT-TO-KNOW:	Ingredient	Massachusetts	New Jersey	Pennsylvania
	Titanium Dioxide	Listed	Listed	Listed

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## SECTION 16. OTHER INFORMATION

### HMIS CODES

Health: 2

Flammability: 1

Reactivity: 0

Personal Protection

### NON-WARRANTY:

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### MSDS STATUS:

Approved.

### REVISION DATE:

2015-10-26