

# SAFETY DATA SHEETS

## BLUE COLORANT

### SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Blue Colorant  
MANUFACTURER: Incredible Products LLC. ADDRESS: 1101 Lincoln Ave, Wapakoneta, OH  
45895 INFORMATION PHONE: 567-297-3700 EMERGENCY PHONE: 800-424-9300  
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### SECTION 2: HAZARDOUS IDENTIFICATION

#### Classification:

Skin Irritation - Category 2  
Eye Irritation - Category 2B  
Respiratory Sensitizer (Solid/Liquid) - Category 3  
Skin Sensitizer - Category 1  
Carcinogenicity - Category 2

#### Pictograms:



#### Signal Word:

Warning

#### Hazardous Statements - Health:

H320 - May cause eye irritation  
H315 - May cause skin irritation  
H317 - May cause an allergic skin reaction  
H335 - May cause respiratory irritation

#### Precautionary Statements - General:

P101 - If medical advice is needed, have product container or label at hand.  
P102 - Keep out of reach of children.  
P103 - Read label before use.

#### Precautionary Statements - Prevention:

P264 - Wash thoroughly after handling.  
P280 - Wear protective gloves/protective clothing/eye protection/face protection.  
P261 - Avoid breathing dust/fume/gas/mist/vapors/spray.  
P284 - <In case of inadequate ventilation> wear respiratory protection.  
P272 - Contaminated work clothing should not be allowed out of the workplace.  
P201 - Obtain special instructions before use.  
P202 - Do not handle until all safety precautions have been read and understood.

#### Precautionary Statements - Response:

P332 + P313 - If skin irritation occurs: Get medical advice/attention.  
P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337 + P313 - If eye irritation persists: Get medical advice/attention.  
P304 + P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
P342 + P311 - If experiencing respiratory symptoms: Call a POISON CENTER/doctor.  
P302 + P352 - IF ON SKIN: Wash with plenty of water.  
P333 + P313 - If skin irritation or a rash occurs: Get medical advice/attention.  
P321 - Specific treatment (see section 4 on this SDS).  
P362 + P364 - Take off contaminated clothing. And wash it before reuse.  
P308 + P313 - IF exposed or concerned: Get medical advice/attention.

#### Precautionary Statements - Storage:

P405 - Store locked up.

#### Precautionary Statements - Disposal:

P501 - Dispose of contents/ container to an approved waste disposal plant.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

<u>INGREDIENT</u>	<u>CAS NO.</u>	<u>% by WEIGHT</u>	<u>ACGIH TLV</u>	<u>OSHA PEL</u>
Ethylene Glycol	107-21-1	25	100 MG/M3 CEILING (aerosol)	50 PPM CEILING
Octylphenoxy(ethoxyethanol)	9036-19-5	7	Not Available	Not Available
Quartz	14808-60-7	0.2	0.025 mg/m3 as Resp. Dust	0.1 mg/m3 as Resp. Dust
Talc	14807-96-6	35	2 mg/m3 as Resp. Dust	2 mg/m3 as Resp. Dust

## SECTION 4: FIRST AID MEASURES

### **Inhalation:**

Remove source of exposure or move person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms: Call a POISON CENTER/doctor.

If breathing is difficult, trained personnel should administer emergency oxygen if advised to do so by the POISON CENTER/doctor.  
If exposed/feel unwell/concerned: Call a POISON CENTER/doctor.

### **Skin Contact:**

Take off contaminated clothing, shoes and leather goods (e.g. watchbands, belts). Gently blot or brush away excess product. Wash with plenty of lukewarm, gently flowing water for a duration of 15-20 minutes. If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before re-use or discard.

IF exposed or concerned: Get medical advice/attention.

### **Eye Contact:**

Remove source of exposure or move person to fresh air. Rinse eyes cautiously with lukewarm, gently flowing water for several minutes, while holding the eyelids open. Remove contact lenses, if present and easy to do. Continue rinsing for a duration of 15-20 minutes. Take care not to rinse contaminated water into the unaffected eye or onto the face. If eye irritation persists: Get medical advice/attention.

Avoid direct contact. Wear chemical protective gloves, if necessary.

### **Ingestion:**

Immediately call a POISON CENTER/doctor. Do NOT induce vomiting. If vomiting occurs naturally, lie on your side, in the recovery position. Give 1 or 2 glasses of milk or water to drink and refer person to medical personnel. Do not give anything by mouth to an unconscious person.

IF exposed or concerned: Get medical advice/attention.

## SECTION 5: FIRE FIGHTING MEASURES

### **Suitable Extinguishing Media:**

Dry chemical, foam, carbon dioxide water spray or fog is recommended. Water spray is recommended to cool or protect exposed materials or structures. Carbon dioxide can displace oxygen. Use caution when applying carbon dioxide in confined spaces. Simultaneous use of foam and water on the same surface is to be avoided as water destroys the foam. Sand or earth may be used for small fires only.

### **Unsuitable Extinguishing Media:**

If water is used, use very large quantities of cold water. The reaction between water and hot isocyanate may be vigorous.

Water and foam may cause violent frothing and possibly endanger the life of the fire fighter.

### **Specific Hazards in Case of Fire:**

Water contamination will produce carbon dioxide. Do not reseal contaminated containers as pressure buildup may rupture them.

Excessive pressure or temperature may cause explosive rupture of containers.

Exposure to vapors of heated isocyanates can be extremely dangerous.

### **Fire-fighting Procedures:**

Isolate immediate hazard area and keep unauthorized personnel out. Stop spill/release if it can be done safely. Move undamaged containers from immediate hazard area if it can be done safely. Water spray may be useful in minimizing or dispersing vapors and to protect personnel. Water may be ineffective but can be used to cool containers exposed to heat or flame. Caution should be exercised when using water or foam as frothing may occur, especially if sprayed into containers of hot, burning liquid.

Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

### **Special Protective Actions:**

Wear NIOSH approved self-contained breathing apparatus in positive pressure mode with full-face piece. Boots, gloves (neoprene), goggles, and full protective clothing are also required.

Care should always be exercised in dust/mist areas.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### Emergency Procedure:

Keep unnecessary people away; isolate hazard area and deny entry. Do not touch or walk through spilled material. Clean up immediately. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area).

### Recommended Equipment:

Positive pressure, full-face piece self-contained breathing apparatus (SCBA), or positive pressure supplied air respirator with escape SCBA (NIOSH approved).

### Personal Precautions:

Avoid breathing vapors. Avoid contact with skin, eyes or clothing. Do not touch damaged containers or spilled materials unless wearing appropriate protective clothing.

### Environmental Precautions:

Stop spill/release if it can be done safely. Prevent spilled material from entering sewers, storm drains, other unauthorized drainage systems and natural waterways by using sand, earth, or other appropriate barriers.

## SECTION 7: HANDLING AND STORAGE

### General:

Wash hands after use.

Do not get in eyes, on skin or on clothing.

Do not breathe vapors or mists.

Use good personal hygiene practices.

Eating, drinking and smoking in work areas is prohibited.

Remove contaminated clothing and protective equipment before entering eating areas.

Eyewash stations and showers should be available in areas where this material is used and stored.

Employee education and training in safe handling of this material is required under OSHA hazard communication standard. Individuals with existing respiratory disease such as chronic bronchitis, emphysema, or asthma should not be exposed to isocyanates.

### Ventilation Requirements:

Use only with adequate ventilation to control air contaminants to their exposure limits.

The use of local ventilation is recommended to control emissions near the source.

Air circulation and exhaustion of isocyanate vapors must be maintained until the coatings have fully cured to insure that no potential health hazard remains.

Exposure to vapors of heated isocyanates can be extremely dangerous.

### Storage Room Requirements:

Keep container(s) tightly closed and properly labeled. Store in cool, dry, well-ventilated areas away from heat, direct sunlight, strong oxidizers and any incompatibilities. Store in approved containers and protect against physical damage. Keep containers securely sealed when not in use. Indoor storage should meet OSHA standards and appropriate fire codes. Containers that have been opened must be carefully resealed to prevent leakage.

Empty container retain residue and may be dangerous.

Use non-sparking ventilation systems, approved explosion-proof equipment and intrinsically safe electrical systems in areas where this product is used and stored.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### PRECAUTIONS TO BE TAKEN IN USE

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).

### VENTILATION

Local exhaust preferable. General exhaust acceptable if the exposure to materials in Section 2 is maintained below applicable exposure limits. Refer to OSHA Standards 1910.94, 1910.107, 1910.108.

### RESPIRATORY PROTECTION

If personal exposure cannot be controlled below applicable limits by ventilation, wear a properly fitted organic vapor/particulate respirator approved by NIOSH/MSHA for protection against materials in Section 2. When sanding or abrading the dried film, wear a dust/mist respirator approved by NIOSH/MSHA for dust which may be generated from this product, underlying paint, or the abrasive.

### PROTECTIVE GLOVES

Required for long or repeated contact.

### EYE PROTECTION

Wear safety spectacles with unperforated side-shields.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

**Density:** 11.60 lb/gal  
**Specific Gravity:** 1.40  
**Melting Point:** Not Available  
**Volatile Volume:** 59%  
**Boiling Point:** 212-388F  
**Evaporation Rate:** Slower than ether  
**Vapor Density:** Heavier than air  
**Solubility in H2O:** Not Available  
**pH:** >2.0, <11.5

### VOLATILE ORGANIC COMPOUNDS (VOC Theoretical - As Packaged)

3.83 lb/gal 460 g/l Less Water and Federally Exempt Solvents  
2.64 lb/gal 317 g/l Emitted VOC

## SECTION 10: STABILITY AND REACTIVITY

### STABILITY

Stable

### CONDITIONS TO AVOID

None known.

### INCOMPATIBILITY

None known.

### HAZARDOUS DECOMPOSITION PRODUCTS

By fire: Carbon Dioxide, Carbon Monoxide

### HAZARDOUS POLYMERIZATION

Will not occur

## SECTION 11: TOXICOLOGICAL INFORMATION

Crystalline Silica (Quartz, Cristobalite) is listed by IARC and NTP. Long term exposure to high levels of silica dust, which can occur only when sanding or abrading the dry film, may cause lung damage (silicosis) and possibly cancer.

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."

Carbon Black is classified by IARC as possibly carcinogenic to humans (group 2B) based on experimental animal data, however, there is insufficient evidence in humans for its carcinogenicity.

Ethylene Glycol is considered an animal teratogen. It has been shown to cause birth defects in rats and mice at high doses when given in drinking water or by gavage. There is no evidence to indicate it causes birth defects in humans.

CAS No.	Ingredient Name			
107-21-1	Ethylene Glycol	LC50 RAT	4HR	Not Available
		LD50 RAT		4700 mg/kg
9036-19-5	Octylphenoxypoly(ethoxy)ethanol	LC50 RAT	4HR	Not Available
		LD50 RAT		Not Available
14808-60-7	Quartz	LC50 RAT	4HR	Not Available
		LC50 RAT		Not Available
14807-96-6	Talc	LC50 RAT	4HR	Not Available
		LD50 RAT		Not Available

## SECTION 12: ECOLOGICAL INFORMATION

### ECOTOXICOLOGICAL INFORMATION

No data available.

## SECTION 13: DISPOSAL CONSIDERATIONS

### Waste Disposal:

Waste from this product is not hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261.

Incinerate in approved facility. Do not incinerate closed container.

Dispose of in accordance with Federal, State/Provincial, and Local regulations regarding pollution.

## SECTION 14: TRANSPORTATION INFORMATION

Multi-modal shipping descriptions are provided for informational purposes and do not consider container sizes. The presence of a shipping description for a particular mode of transport (ocean, air, etc.), does not indicate that the product is packaged suitably for that mode of transport. All packaging must be reviewed for suitability prior to shipment, and compliance with the applicable regulations is the sole responsibility of the person offering the product for transport.

### US Ground (DOT)

Not Regulated for Transportation.

### Canada (TDG)

Not Regulated for Transportation.

### IMO

Not Regulated for Transportation.

### IATA/ICAO

Not Regulated for Transportation.

## SECTION 15: REGULATORY INFORMATION

### SARA 313 (40 CFR 372.65C) SUPPLIER NOTIFICATION

CAS No.	CHEMICAL/COMPOUND	% by WT	% ELEMENT
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No ingredients in this product are subject to SARA 313 (40 CFR 372.65C) Supplier Notification.

### CALIFORNIA PROPOSITION 65

WARNING: This product contains chemicals known to the State of California to cause cancer.

### TSCA CERTIFICATION

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

## SECTION 16: OTHER INFORMATION

This product has been classified in accordance with the hazard criteria of the Canadian Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR.