

# MATERIAL SAFETY DATA SHEET

**Manufacturer's Name**  
CPS COLOR, Inc.  
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**Emergency Telephone**  
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## SECTION 1 - Product Identification

**Product Code**  
RU

**HMIS Codes**  
Health - 3  
Flammability - 1  
Reactivity - 0

**Product Name**  
RAW UMBER  
**Product Class**  
UNIVERSAL RU

## SECTION 2 - Hazardous Ingredients

Ingredient	CAS No.	% by weight	ACGIH	OSHA	UNITS
			TLV	PEL	
PROPYLENE GLYCOL	107-98-2	24.00	TWA 100	TWA 100	PPM
IRON OXIDE DUST	1309-37-1	23.00	TWA 5	TWA 5	MG/M3

## SECTION 3 - Physical Data

**Product Weight** – 11.94 lbs/gallon  
**Specific Gravity** – 1.43 g/ml  
**Boiling Point Range** - 212-300 Fahrenheit  
**Melting Point Range** – N.A.

**Evaporation Rate** - Slower than Ether  
**Vapor Pressure** – N.A.  
**Vapor Density** – Heavier Than Air  
**Reactivity In Water** – N.A.  
**Solubility In Water** – N.A.

## SECTION 4 - Fire and Explosion Hazard Data

**Flash Point**  
Not Applicable

**LEL**  
N.A.

**UEL**  
N.A.

**Flammability Classification** - Not Applicable

**Extinguishing Media** - Carbon Dioxide, Dry Chemical, Alcohol Foam

**Unusual Fire & Explosion Hazards**- Closed containers may explode (due to the build-up of pressure), when exposed to extreme heat.

**Special Fire Fighting Procedures** - Full protective equipment including self-contained breathing apparatus should always be used. Water spray may be ineffective. If water is used, fog nozzles are preferred. Water may be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat.

## SECTION 5 - Health Hazard Data

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**Routes of Exposure** - Exposure may be by inhalation and/or skin or eye contact, depending on conditions of use. To minimize exposure, follow recommendations for proper use, ventilation, and personal protective equipment.

**Acute Health Hazards** - Effects of overexposure may cause irritation of eyes, skin, or upper respiratory system. In a confined area, vapors in high concentration may cause headache, nausea, or dizziness.

**Signs and Symptoms of Overexposure** - Rash, redness, itching, or burning sensation may indicate eye or excessive skin exposure.

**Medical Conditions Aggravated by Exposure** - None generally recognized.

## **Emergency and First Aid Procedures:**

**If Inhaled** : If affected, remove from exposure. Restore breathing. Keep warm and quiet.

**If On Skin** : Wash affected area thoroughly with soap and water. Remove contaminated clothing and laundry before re-use.

**If In Eyes** : Flush eyes with large amounts of water for 15 minutes. Get medical attention.

**If Swallowed** : Never give anything by mouth to an unconscious person. Give conscious patient several glasses of water. If vomiting is not spontaneous, induce vomiting by having the patient gently touch the back of their throat with a finger. Keep airway clear. Seek medical attention.

## **Chronic Health Hazards**

No ingredient in this product is an IARC, NTP, or OSHA listed carcinogen.

Propylene 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.

Prolonged overexposure to solvent ingredients in Section 2 may cause adverse effects to the liver and urinary systems.

## SECTION 6 - Reactivity Data

**Stability** - Stable

**Conditions to Avoid** - None known

**Incompatibility** - None known

**Hazardous Decomposition Products** - By Fire : 1) Carbon Dioxide  
2) Carbon Monoxide

**Hazardous Polymerization** - Will not occur.

## SECTION 7 - Spill or Leak Procedures

**Steps To Take In Case Material Is Released Or Spilled** - Remove all sources of ignition. Ventilate and remove with inert absorbent.

**Waste Disposal Method** - 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, and Local regulations regarding pollution.

## SECTION 8 - Protection Information

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**Precautions To Be Taken In Use** - Use only with adequate ventilation. Avoid breathing vapor and spray mist. Avoid contact with skin and eyes. Wash hands after using.

This colorant 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 = 10mg./m3 ( total dust ), 3mg./m3 ( respirable fraction ) , OSHA PEL = 15mg./m3 ( total dust ), 5mg./m3 ( 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** - Wear gloves recommended by glove supplier for protection against materials in section 2.

**Eye Protection** - Wear safety goggles with unperforated sideshields.

## SECTION 9 - Precautions

**DOL Storage Category** - Not applicable.

**Precautions To Be Taken In Handling and Storage** - Keep container closed when not in use. Transfer only to approved containers with complete and appropriate labeling. Do not take internally. Keep out of reach of children.

## SECTION 10 - Other Regulatory Information

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

Chemical Name	CAS No.	% By Weight	%Element
PROPYLENE GLYCOL	107-98-2	20.00	100.00

**TSCA Certification** - All chemicals in this product are listed, or are exempt from listing , on the TSCA inventory.

**The above information pertains to this product as currently formulated, and is based on the information available at this time. Addition of reducers or other additives to this product may substantially alter the composition and hazards of the product. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information.**