

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name	Cupron Enhanced EOS Surfaces or EOS ^{CU}
Chemical Name	Cuprous Oxide Enhanced Surface
Product Use	Biocidal Surfacing Material
Specific End Uses	Countertops and other surfaces
Company	EOS Surfaces, LLC 301 East 20th Street Norfolk, VA 23517 USA TEL: 757.624.3671 FAX: 757.624.3672
Emergency Telephone	TEL: 757.624.3671
Internet	www.eoscu.com
Email	EOScuTeam@eos-surfaces.com



2. HAZARDS IDENTIFICATION

Classification of Substance	Not Classified
GHS Labeling Elements	The substance is classified and labeled according to the Globally Harmonized System (GHS)
Hazard Pictograms	<i>No Symbol</i>
Signal Word	Not Classified
Hazard-Determined Components of Label	Cupric Oxide
POTENTIAL HEALTH EFFECTS	
Sensitization	Does not cause sensitization
Eye Contact	Dust may cause mechanical irritation
Skin Contact	Dust may cause mechanical Irritation
Skin Irritation	Mild irritation is possible
Inhalation	May cause respiratory tract irritation
Ingestion	Large amounts may cause nausea
Ingestion	May be harmful if swallowed
Environmental Exposure	Do not wash into sewer system

3. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS Number	% by Weight
Alumina Trihydrate	21645 - 51 - 2	20% - 30%
CuO	1317 - 39	Proprietary
CuO + PET	Not Available	Proprietary
Isophthalic Resin	121 - 91 - 5	20% - 30%
CoPolymer Colorants		1% - 5%

4. FIRST AID MEASURES

Eye Contact

Upon contact with nuisance dust particles, flush eyes immediately with large amounts of water for a minimum of 15 minutes. If irritation continues, seek medical attention

Skin Contact

Wash affected area with mild soap and water

Ingestion

If swallowed, do not induce vomiting. Seek medical attention

Inhalation

Move to an area with fresh air

General Advice

If symptoms persist, seek medical attention



5. FIRE FIGHTING MEASURES

NFPA:	Health	1	Flammability	1	Reactivity	0	PPE	E
HMIS:	Health	1	Flammability	1	Physical Hazard	0		

Extinguishing Media

Use suitable media for surrounding fire

Unsafe Extinguishing Media

None

Special Exposure Hazards

None

Special Protective Equipment

Utilize equipment appropriate for surrounding fire

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions

Wear protective clothing and N95 when cutting or sanding the finished product

Environmental Precautions

Finished product has no particular risk to the environment. Dust generated during fabrication should not be released into the sewers

Cleanup Methods

Pick up mechanically or by appropriate dust collection system

7. HANDLING AND STORAGE

Handling	Utilize dust collection system and PPE while cutting or sanding finished product to keep airborne contaminants below exposure limit
Storage	Store in appropriate rack system. Keep in a dry, cool area without ongoing exposure to sunlight

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE CONTROLS

Engineering Controls Use ventilation and dust collection during fabrication and sanding

PERSONAL PROTECTIVE EQUIPMENT

Eye Safety	Wear safety glasses or shields
Skin and Body	Use suitable clothing and footwear for fabrication
Hand Protection	Utilize gloves for dust protection and protection from sharp material
Respiratory Protection	When sanding or cutting, utilize an N95 dust mask or equivalent
Hygiene Measures	Handle in accordance with good industrial hygiene and safety practices
Environmental Exposure	Do not wash into sewer system

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Solid Beige or Grey in color
Odor	Slight "plastic" odor
Odor Threshold	No information available
pH	No information available
Freeze Point	N/A
Flash Point	N/A
Evaporation	N/A
Flammability	Low
Vapor Pressure	N/A
Vapor Density	N/A
Specific Gravity	1.75
Water Solubility	Insoluble
Auto-ignition Temperature	N/A
Decomposition Temperature	No information available



10. STABILITY AND REACTIVITY

Reactivity	No
Stability	Stable under normal conditions.
Possibility of Hazardous Reactions	None known
Conditions to Avoid	None known
Materials to Avoid	Strong acids
Hazardous Decomposition Products	None known

11. TOXICOLOGICAL INFORMATION

Routes of Entry	N/A. There is no risk of entry in its solidified state
Toxicity to Animals	None in its solidified state
Chronic Effects on Humans	None in its solidified state
Other Toxic Effects on Humans	None in its solidified state
Special Remarks on Toxicity to Animals	N/A
Special Remarks on Chronic Effects on Humans	N/A
Special Remarks on Other Toxic Effects on Humans	N/A

12. ECOLOGICAL INFORMATION

Ecotoxicity	Not available
BOD5 and COD	Not available
Products of Biodegradation	Not available
Special Remarks on Product Biodegradation	Not available

13. DISPOSAL CONSIDERATIONS

Waste Disposal	Scrap material may be recycled. Dust should be contained and disposed of in accordance with local standards
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14. TRANSPORT INFORMATION

UN - No	None
Proper Shipping Name	See Sections 1 and 3
IMO/IMDG	Not a dangerous substance
ICAO/IATA	Not a dangerous substance
RID/ADR	Not a dangerous substance
DOT Classification	Not a hazardous material
Special Provisions for Transportation	None known

15. OTHER REGULATORY INFORMATION

Hazard Data	FIFRA Classification/Typical Hazard Label (as outlined in EPA manual)	OSHA HCS Requirement for Section 2 SDS
Signal Word	Not Labeled	Not classified
Acute Toxicity, oral LD ₅₀	(Category IV) Not Labeled	Not classified
Acute Toxicity, dermal LD ₅₀	(Category IV) Not Labeled	Not classified
Acute Toxicity, inhalation LD ₅₀	(Category IV) Not Labeled	Not classified
Skin Irritation	(Category IV) Not Labeled	Not classified
Eye Irritation	(Category IV) Not Labeled	Not classified
Sensitization	Not Labeled	Not classified
Germ Cell Mutagenicity	Not Labeled	Not classified
Carcinogenicity	Not Labeled	Not classified
Reproductive/Developmental Toxicity	Not Labeled	Not classified
Specific Target Organ Toxicity, Single Exposure	Not Labeled	Not classified
Specific Target Organ Toxicity, repeated exposure	Not Labeled	Not classified
Aspiration	Not Labeled	Not classified
Environmental (aquatic) Toxicity	This product is not classified as environmental toxic in its solid form	Not within OSHA's jurisdiction therefore not required on SDS

For more information, email the EOS^{CU} Team at EOScuTeam@eos-surfaces.com or visit eoscu.com

15. REGULATORY INFORMATION (CONTINUED)

FIFRA Classification: This chemical is a pesticide product registered by the United States Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets (SDS), and for workplace labels of non-pesticide chemicals. The hazard information required on the pesticide label is reproduced above. The pesticide label also included other important information, including direction for use.

Following is the hazard information as required on the pesticide label:

None labeled

16. OTHER INFORMATION

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Training Advice

All personnel handling EOS^{CU} should be skilled and trained in the areas associated with this material. EOS Surfaces has developed and implemented a formal certification process that is mandatory for all individuals selected to fabricate and install the material. Personnel handling EOS^{CU} should be provided appropriate training and personal protection equipment for use when cutting, sanding, and fabricating the material. For additional information or to schedule a fabricator certification course, contact EOS Surfaces, LLC or email the EOS^{CU} Team at EOScuTeam@eos-surfaces.com.

DISCLAIMER: The information contained in this SDS, to the best knowledge and belief of EOS Surfaces, is believed to be accurate and reliable. No warranty or guarantee is implied or expressed as to the accuracy, reliability and completeness of the information herein.