

# MATERIAL SAFETY DATA SHEET

**CUPRINOL**<sup>®</sup>  
Brand Products

THE CUPRINOL GROUP  
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## Water-Reducible Sealers

**WS/CUsw**

					UV SUNBLOCK Wood Seal	Clear Wood Seal	Clear Tone Wood Finish	
					158-0232 (P069047) Coastal Gray Tone	158-0240 (P069049)	158-0257 (P030047)	158-0448
					158-0273 (P062547) Redwood Tone	158-0281 (P062549)	158-0265 (P030049)	158-0455
					158-0299 (P064547) Cedar Tone	158-0307 (P064549)		
— SECTION II — CAS No. HAZARDOUS INGREDIENT (percent by weight)		ACGIH TLV <STEL>	OSHA PEL <STEL>	Vapor Units Pressure (mm Hg)				
111-76-2	§ 2-Butoxyethanol	25	25	PPM (Skin)	0.6	4	2	8
13463-67-7	Titanium Dioxide.	10	10[5]	Mg/M3 as Dust [Resp. Fraction]		0 - 1		
Weight per Gallon (lbs.)					8.4	8.30	8.33	
Percent Water					84	90.6	75.3	
Volatile Organic Compounds (VOC) - Total (lbs./gal.)					0.4	0.23	0.66	
Volatile Organic Compounds (VOC) - Less Water (lbs./gal.)					2.5 - 2.7	2.36	2.68	
Photochemically Reactive					No	No	No	
HMIS (NFPA) Rating (health - flammability - reactivity)					2 0 0	2 0 0	2 0 0	

§ Ingredient subject to the reporting requirements of the Superfund Amendments and Reauthorization Act (SARA) Section 313, 40 CFR 372.65 C

## Section III — PHYSICAL DATA

PRODUCT WEIGHT	— See TABLE	EVAPORATION RATE	— Slower than Ether
SPECIFIC GRAVITY	— 1.0	VAPOR DENSITY	— Heavier than Air
BOILING RANGE	— 212-340 °F	MELTING POINT	— N.A.
VOLATILE VOLUME	— 84-93 %	SOLUBILITY IN WATER	— N.A.
pH	— 8.5-9.5		

## Section IV — FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY CLASSIFICATION      FLASH POINT >200 °F PMCC      LEL N.A.      UEL N.A.

Not Applicable

### EXTINGUISHING MEDIA

Carbon Dioxide, Dry Chemical, Alcohol Foam

### UNUSUAL FIRE AND 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 be used. Water spray may be ineffective. If water is used, fog nozzles are preferable. Water may be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat.

## Section V — HEALTH HAZARD DATA

### 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

Irritation of eyes, skin and upper respiratory system. In a confined area vapors in high concentration may cause headache, nausea or dizziness.

#### SIGNS AND SYMPTOMS OF OVEREXPOSURE

Redness and 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 launder before re-use.

If in EYES: Flush eyes with large amounts of water for 15 minutes. Get medical attention.

If SWALLOWED: Get medical attention.

### CHRONIC Health Hazards

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

Rats exposed to titanium dioxide dust at 250 mg./m3 developed lung cancer, however, such exposure levels are not attainable in the workplace.

Prolonged overexposure to solvent ingredients in Section II may cause adverse effects to the liver, urinary, and blood forming systems.

## Section VI — REACTIVITY DATA

### 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 VII — SPILL OR LEAK PROCEDURES

### STEPS TO BE TAKEN 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 VIII — PROTECTION INFORMATION

### 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 coating may contain materials classified as nuisance particulates (listed "as Dust" in Section II) which may be present at hazardous levels only during sanding or abrading of the dried film. If no specific dusts are listed in Section II, the applicable limits for nuisance dusts are ACGIH TLV 10 mg./m3 (total dust), OSHA PEL 15 mg./m3 (total dust), 5 mg./m3 (respirable fraction).

### VENTILATION

Local exhaust preferable. General exhaust acceptable if the exposure to materials in Section II 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 II.

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 which are recommended by glove supplier for protection against materials in Section II.

### EYE PROTECTION

Wear safety spectacles with unperforated sideshields.

## Section IX — PRECAUTIONS

DOL STORAGE CATEGORY — Not Applicable

### PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Keep container closed when not in use. Transfer only to approved containers with complete and appropriate labeling. Do not take internally. Keep out of the reach of children.

This Material Safety Data Sheet conforms to the Hazard Communication standard, 29 CFR 1910.1200(g)(4), for similar complex mixtures.

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.