



**Waterborne / UV Cure
Wood Sealer & Topcoat**

Material Safety Data Sheet

Date: 12/7/22

Page 1 of 4

EMERGENCY CONTACT: **CHEMTREC** 1-800-424-9300

Distributed By
CureUV.com
2801 Rosselle St.
Jacksonville, FL, 32205

DATE OF PREP: 12/7/22

SECTION 1. PRODUCT IDENTIFICATION

PRODUCT NAME:
Waterborne / UV Cure Wood Sealer & Topcoat

PRODUCT CLASS:
Aqueous Mixture
DOT CLASSIFICATION:
Non-Hazardous, Not-Regulated
RIGHT TO KNOW INFORMATION:
Aqueous mixture of polymers and coating additives

SECTION 2. HAZARDOUS INGREDIENTS

HAZARDOUS MATERIALS IDENTIFICATION SYSTEM:

Health: 1 Flammability: 2

Reactivity: 1

INGREDIENT	CAS NO.	WT%	ACGIH		OSHA
			TLV	STEL	PEL
Acrylated Oligomer	*****	*****	not established		not established
Microcrystalline Silica in the form of Quartz	14808-60-7	<5.0	0.025 ,mg/m ³ 8 hr TWA		10 mg/m ³

SECTION 3. PHYSICAL DATA

BOILING RANGE: 212 Deg. F
SPECIFIC GRAVITY: 1.02-1.07
VAPOR DENSITY: not established
pH: 7 - 8
ODOR: Slight ammonia odor
APPEARANCE: Milky white liquid
VAPOR PRESSURE: not established

PERCENT VOLATILE BY WEIGHT: 65-70
EVAPORATION RATE: Equal to water
WATER SOLUBILITY: 100% dispersible
VOC: EPA Method (less water), lb/gal 0.50
Actual wt%, 1.84
Actual, lb/gal 0.16
HAP: Zero

SECTION 4. FIRE AND EXPLOSION DATA

FLASH POINT: N/E

FLAMMABILITY CLASS: Non-Flammable

EXTINGUISHING MEDIA: Water fog or spray, CO₂, or chemical apparatus. Do not use a solid water stream as it may scatter and spread fire.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Container may build water pressure due to steam generation with heat. Material can splatter above 100C/212F. Dried product can burn.

SPECIAL FIRE FIGHTING PROCEDURES: Firefighters should be equipped with self-contained breathing apparatus and turn-out gear.

SECTION 5. HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: See section 2.

EFFECTS OF OVEREXPOSURE:

EYE: May cause slight irritation. Prolonged exposure may cause abrasive irritation.

SKIN: May cause slight irritation. Prolonged exposure may cause abrasive irritation and/or allergic skin reactions.

INHALATION: May cause headache, nausea, irritation of nose, throat and lungs. Mixture contains an ingredient (crystalline silica) that may cause delayed lung injury as a result of breathing dust or exposure to this material in powder form. Long term exposure can cause silicosis. Inhalation of crystalline silica from occupational sources can cause cancer in humans. Risk of inhalation of dust is expected to be significantly reduced in the liquid form as this product is supplied.

EMERGENCY AND FIRST AID PROCEDURES:

EYE: Flush with clean, lukewarm water for at least 15 minutes. With persistent irritation, see a physician.

SKIN: Remove contaminated clothing and wash affected skin areas with soap and water. Wash clothing prior to re-use. See a physician if irritation persists.

INHALATION: Remove to fresh air, apply artificial respiration or administer oxygen if necessary. Call a physician for serious symptoms.

INGESTION: Give 2 glasses of water to drink and get medical attention. Never give anything by mouth to an unconscious person.

SECTION 6. REACTIVITY DATA

STABILITY: Stable.

INCOMPATIBILITY: Avoid strong oxidizing agents. Avoid contact with radical forming initiators, peroxides, strong alkalies or reactive metals to prevent exothermic polymerization.

HAZARDOUS DECOMPOSITION PRODUCTS: CO₂ and/or CO. Thermal decomposition may yield acrylic monomers.

HAZARDOUS POLYMERIZATION: May occur. Risk of spontaneous polymerization when heated or in the presence of UV radiation or radical donors.

CONDITIONS TO AVOID: Storage > 100 deg. F, exposure to light, contamination with incompatible materials, and inert gas blanketing.

SECTION 7. SPILL OR LEAK PROCEDURES



**Waterborne / UV Cure
Wood Sealer & Topcoat**

Material Safety Data Sheet

Date: 12/7/22

Page 3 of 4

STEPS TO BE TAKEN IN EVENT OF SPILL OR RELEASE: This product contains a very low level of a combustible solvent, but as a precaution eliminate all sources of ignition. Equip persons with appropriate safety equipment (see section 8.). Floor may be slippery; use care to avoid falling. Dike around spilled material, apply absorbant material and transfer into suitable container for recovery or disposal.

CAUTION: Keep spills and cleaning runoff out of municipal sewers and waterways.

WASTE DISPOSAL METHODS: Waste material must be disposed of in accordance with federal, state and local environmental regulations.

SECTION 8. SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION:

Use a NIOSH approved self-contained breathing apparatus where vapor concentration may be above TLV limits. Below the TLV limits use in area of proper ventilation.

VENTILATION:

Local exhaust with a minimum capture velocity of 100 FT/MIN.

PROTECTIVE GLOVES:

Natural rubber or neoprene gloves recommended

EYE PROTECTION:

Wear safety glasses with side shields. Wear additional eye protection such as chemical safety goggles and/or face shield when there is a possibility for contact with splashing or spraying liquid.

OTHER EQUIPMENT:

Eye wash and safety shower recommended.

SECTION 9. SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

Protect containers from damage and storage in extremes of heat or cold. Protect from freezing.

NORMAL HANDLING:

Always wear recommended personal protective equipment. Avoid breathing fumes from heating operations. Avoid spillage which can cause very slippery conditions on floors. Use good personal hygiene and housekeeping.

OTHER PRECAUTIONS:

None

SECTION 10. REGULATORY INFORMATION

WORKPLACE CLASSIFICATIONS:

This product contains materials that are considered hazardous under the OSHA Hazard Communication Standard (29CFR 1910.1200).

TRANSPORTATION CLASSIFICATIONS:

US DOT Hazard Class: NONREGULATED

EMERGENCY PLANNING & COMMUNITY RIGHT-TO-KNOW (SARA TITLE III):



**Waterborne / UV Cure
Wood Sealer & Topcoat**

Material Safety Data Sheet

Date: 12/7/22

Page 4 of 4

Section 311/312 Categorizations (40CFR 370) - This product contains components that are classified as the following health and/or physical hazards according to Section 311 and 312:

Crystalline silica: Delayed Health Hazard

Section 313 Information (40CFR 372) - This product does not contain a chemical which is listed in Section 313 at or above de minimis concentrations.

CERCLA INFORMATION (40CFR 302.4):

Releases of this material to air, land, or water are not reportable to the National Response Center under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) or to state and local emergency planning committees under the Superfund Amendments and Reauthorization Act (SARA) Title III Section 304.

RCRA INFORMATION:

This product has not been tested as a waste. Based on our knowledge of this product, its raw materials and processes employed during its manufacture, we believe it is unlikely that this product is a hazardous waste for Federal RCRA purposes. We recommend that you carry out your own tests and evaluations prior to discarding any materials

CHEMICAL CONTROL LAW STATUS:

All components of this product are listed or are excluded from listing on the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

STATE RIGHT-TO-KNOW LAWS:

Any material not listed in SECTION 2 of this MSDS is "Not Hazardous" and is considered a trade secret.

CALIFORNIA PROPOSITION 65:

This product contains crystalline silica which is known to the State of California to cause cancer.

ADDITIONAL COMMENTS

The information in this MSDS was obtained from sources which we believe are reliable. The information, however, is provided without any representation or warranty, expressed or implied, regarding its accuracy or completeness.

The conditions of handling, storage, use and disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product.