

**1. IDENTIFICATION****Product ID:** Curecoat 1**Other means of Identification:** Water based primer coating/sealer**Recommended use of the chemical and restrictions on use:** For use in the printing / graphic arts industry**Supplied by:** Worldwide Specialty Lamp LLC, (WSL USA) 6759 Oak Ridge Commerce Way SW, Austell, Georgia 30168 USA**Emergency Contact:** Tel No: 800-547-9191**Web Site:** www.wslusa.com**2. HAZARD(S) IDENTIFICATION****GHS classification:** This product is not classified as dangerous according to the Chemicals (Hazard Information and Packaging for Supply) Regulations 2002.**GHS label elements:** IRRITANT**Other hazards:** Prolonged contact with skin and direct contact with eyes can cause irritation.**3. COMPOSITION / INFORMATION ON INGREDIENTS****Substance:** Substances presenting a health hazard within the meaning of Chemicals (Hazard Information and Packaging for Supply) Regulations 2002:

Chemical Name	Cas-No	Common Name	Weight %	Symbol	OES	Classification
Isopropyl Alcohol	8013-70-5	Rubbing Alcohol	0-8%	C3H8O	400ppm 8hr TWA	R36, R37, R38, R11
Ammonia	7664-41-7	Aqua Ammonia	0-4%	NH3	25ppm 8hr TWA	N/A

Impurities and/or stabilizing additives: Water (CAS# 7732-18-5) and Ethanolamine (CAS#141-43-5)



4. FIRST AID MEASURES

General: In all cases of doubt, where symptoms persist, seek medical attention.

Skin Contact: Remove contaminated clothing. Wash skin thoroughly with soap and water or use a proprietary skin cleaner. Do not use solvents or thinners.

Eye Contact: Contact lenses should be removed. Irrigate copiously with clean, fresh water for at least 10 minutes, whilst holding the eyelids apart. Seek medical attention.

Ingestion: If swallowed seek immediate medical attention. Do not induce vomiting.

Inhalation: Remove to fresh air and keep the patient warm and at rest. If unconscious place in the recovery position and seek urgent medical attention. If breathing is irregular or has stopped, administer artificial respiration. Do not give anything by mouth.

5. FIRE-FIGHTING MEASURES

Unsuitable extinguishing media: Water jet

Suitable extinguishing media: Alcohol resistant foam, CO2 powder, water spray/mist are all suitable means of extinguishing.

Specific Hazards: This product poses no special hazards.

Special Protective equipment and precautions for fire-fighters: Fire will produce dense black smoke containing hazardous products of combustion. Decomposition products may be hazardous to health. Appropriate self-breathing apparatus may be required. Cool closed containers exposed to fire with water spray. Do not allow run-off from firefighting to enter drains or water courses.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures: Avoid breathing vapors. Wear appropriate personal protective equipment (PPE).

Environmental precautions: Contain spillages with noncombustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth, and place in a suitable container for disposal in accordance with national and local waste regulations. Do not allow to enter water courses or drains. If the product enters drains or water courses the local water company should be contacted immediately, in the case of contamination of streams, rivers or lakes, the National Rivers Authority.

Methods and materials for containment and cleaning up: Clean with a detergent, do not use solvents.

7. HANDLING AND STORAGE

Precautions for safe handling: Wear appropriate personal protective equipment (PPE). Prevent air-borne concentrations higher than the occupational exposure limits. Keep the container tightly closed. Exclude sources of heat, sparks and open flames. Avoid skin and eye contact. Avoid inhalation of vapor (and spray mist). Smoking, eating and drinking should be prohibited in areas of storage and use. Never use pressure to empty the container; it is not a pressure vessel. Always keep stored in containers made of the same material as the supply container.

Conditions for safe storage, including any incompatibilities: Keep the container tightly closed. Exclude sources of heat, sparks and open flames. Smoking, eating and drinking should be prohibited in areas of storage and use. Observe the label precautions. Store between 5°C and 25°C in a dry, well ventilated place away from sources of heat, ignition and direct sunlight. Prevent unauthorized access. Containers which are opened should be properly resealed and kept upright to prevent leakage. Store separately from oxidizing agents and strongly acidic materials.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Provide adequate ventilation, i.e. local exhaust ventilation and extraction. If these are not sufficient to maintain concentrations of particulates and/or solvent vapors below the relevant occupational exposure limits, suitable respiratory protective equipment (RPE) should be worn.

Exposure limits:

Substance	Occupational Exposure Limits	Notations ⁽³⁾
	8hr TWA ⁽¹⁾ 15 min STEL ⁽²⁾	
	ppm ⁽⁴⁾ mg/m ⁽⁴⁾ mg/pmp3m ⁽⁽⁴⁴⁾⁾	
Amino Ethanol	3ppm/8 mg m3	N/A

Notes:

⁽¹⁾ Long term exposure limit – 8 hour time weighted average

⁽²⁾ Short term exposure limit – 15 minute reference period

⁽³⁾ 'SK' indicates a risk of absorption through the skin. 'Seb' indicates a respiratory sensitizer

'OES' indicates an Occupational Exposure Standard. 'MEL' indicates a Maximum Exposure Limit. OELs are taken from the current version of EH40. Except those marked 'SIP', which re assigned by the supplier of the substance.

Notes continued on next page.....

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)****Personal protection**

All PPE, including RPE, used to control exposure to hazardous substances must be selected to meet the requirements of the COSHH regulations.

If exposure to substance cannot be controlled by the provision of local exhaust ventilation and good general extraction, suitable RPE should be worn.

Where skin exposure may occur, advice should be sought from glove supplier as to appropriate types. Barrier creams may help to protect exposed areas of the skin but are not substitutes for full physical protection. They should not be applied once exposure has occurred.

Goggles with side protection, to avoid splashes.

Cotton or cotton/synthetic overalls are normally suitable. Grossly contaminated clothing should be removed and the skin washed with soap and water.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: viscous liquid or paste
Flash Point: >62°C
Viscosity: 18 seconds to 80 seconds Zahn 2 cup
Specific gravity: .90 – 1.10
Vapor density: heavier than air
Explosion limit: N/A
Solubility in water: soluble

10. REACTIVITY AND STABILITY

Substance stable under the recommended storage and handling conditions. Keep away from oxidizing agents and strongly alkaline/acidic materials to prevent the possibility of an exothermic reaction.

11. TOXIOLOGICAL AND INFORMATION

No specific information available.

12. ECOLOGICAL INFORMATION

The product should not be allowed to enter drains or water courses, or be deposited where it can affect ground or surface waters.

**13. DISPOSAL CONSIDERATIONS**

Dispose of chemical waste/containers in accordance with local regulations. Wash containers before disposal. Do not allow to enter drains or water courses.

14. TRANSPORT INFORMATION

Material not classified as dangerous for transport.

15. REGULATORY INFORMATION

The product is not classified as dangerous according to the Chemicals (Hazard Information and Packaging for Supply) Regulations 2002. The information contained in this material safety data sheet does not constitute the user's own assessment of workplace risks as required by other health and safety legislation.

16. OTHER INFORMATION

The information in this Material Safety Data Sheet is based on the present state of our working knowledge and on current EEC and national laws, as the users working conditions are beyond our knowledge and control. The product is not to be used without first obtaining written handling instructions. It is always the responsibility of the user to take all necessary steps in order to fulfill the demand laid down in the rules and legislation. The information in this Material Safety Data Sheet is meant as a description of the safety requirements of our product, it is not to be considered as a guarantee of the products properties.