



SAFETY DATA SHEET

ARCHITECTURAL CONCRETE CHEMICALS

June 15, 2015

Pre-Cote Fast Dry

1. MANUFACTURER

Arcal Chemicals, Inc. 223 West Hampton Avenue Capitol Heights, MD 20743
Telephone 1-301-336-9300 Emergency (Chemtrec) 1-800-424-9300

2. HAZARDS IDENTIFICATION

Emergency Overview: Has a low flash point (53 F), can burn in a fire and vapors are heavier than air.

Exposure routes:

Inhalation: Will produce vapors if heated to temperatures of ~150 F. Spraying can cause mist.

Eye contact: Irritating, but will not permanently injure eye tissue.

Skin contact: Prolonged or repeated contact may cause skin irritation and defatting.

Ingestion Small amounts (tablespoonful) swallowed are not likely to cause injury. Larger amounts may cause nausea and vomiting. Consult a physician promptly.

Carcinogenicity: No known carcinogens are present in the product.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Component	CAS No.
Isopropanol	67-63-0

4. FIRST AID MEASURES

Eye contact: Flush eyes with plenty of water for several minutes. Get medical attention if eye irritation persists.

Skin contact: Wash skin with plenty of soap and water for several minutes. Get medical attention of skin irritation develops or persists.

Ingestion: If more than a mouthful has been swallowed, give two glasses of water (16 Oz.). Get medical attention.

Inhalation: If irritation, headache, nausea, or drowsiness occurs, remove to fresh air. Get medical attention if breathing becomes difficult or symptoms persist.

5. FIRE-FIGHTING MEASURES

Use water spray, dry chemical, foam, or carbon dioxide to control fire. Use water to cool exposed containers. If a leak or spill has not ignited, use water spray to disperse the vapors and to provide personal protection.

6. ACCIDENTAL RELEASE MEASURES:

Contain spill, if possible. Notify appropriate authorities. Wipe up or use suitable absorbent material and shovel into appropriate container for disposal. Prevent entry into sewers or waterways. Avoid contact with skin, eyes or clothing.

7. HANDLING AND STORAGE:

Store in a cool, dry, ventilated area, away from incompatible substances.

8. EXPOSURE CONTROLS and PERSONAL PROTECTION

Protective Equipment:

Eye/face protection: Chemical-type goggles or face shield recommended to prevent eye exposure.

Skin protection: Workers should wash exposed skin several times daily with soap and water. Soiled clothing should be laundered or dry cleaned at least weekly.

Respiratory protection: Airborne concentrations should be kept to lowest levels. Supplied air respiratory protection should be used for cleaning large spills or upon entry into tanks, vessels, or other confined spaces.

Ventilation: Must be adequate to meet exposure limits.

Exposure limit (vapor):	ACGIH (TWA)	OSHA(PEL TWA)
	400 ppm	400 ppm

Exposure controls: Provide sufficient mechanical ventilation to maintain exposure below guidelines.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Liquid
Color	Clear reddish purple
Odor	Alcoholic
Boiling point	180 F; 83 C
Flash point	53 F; 11 C
Relative vapor density	Heavier than air
Density	0.80 grams/cc
Bulk density	6.7 lb/gallon
Water solubility	Complete
Viscosity	~100 centipoise +/-

10. STABILITY AND REACTIVITY

Stability: The product is stable at normal storage, handling and use temperatures.

Conditions to avoid: High temperatures, sparks, ignition points, flames, static electricity

Materials to avoid: Avoid contact with strong oxidizers

Hazardous decomp. products: Incomplete combustion produces potentially toxic gases such as carbon monoxide, carbon dioxide, nitrogen oxides, various hydrocarbons, aldehydes and soot.

11. TOXICOLOGICAL INFORMATION

Acute oral toxicity: In case of ingestion of small quantities, no important effect is expected. Ingestion of larger amounts may produce abdominal pain and diarrhea.

Acute inhalation toxicity: Inhalation of vapour or aerosols may cause irritation of the upper respiratory tract.

Acute dermal toxicity: Repeated exposure (as from continued contact with wetted clothing may cause defatting and irritation of skin. To our knowledge, the product does not cause sensitization.

12. ECOLOGICAL INFORMATION

No data available.

13. DISPOSAL CONSIDERATIONS

Waste disposal methods: Dispose of in accordance with all applicable local, state and federal regulations.

14. TRANSPORT INFORMATION

ID No.	Proper shipping name	Hazard Class	Packing group
UN 1219	Isopropanol Solution	3	II

15. REGULATORY INFORMATION

HMIS: Health Hazard 2	Fire Hazard 3	Reactivity 0
NFPA: Health 1	Flammability 3	Reactivity 0

16. OTHER INFORMATION

The information accumulated herein is believed to be accurate but is not warranted to be whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.