

MATERIAL SAFETY DATA SHEET

FOR PROFESSIONAL USE ONLY—KEEP OUT OF CHILDREN'S REACH

MANUFACTURER:

Applied Concrete Technology, Inc.
Post Office Box 548
Grayslake, IL 60030
847.548.2444 or 800.228.6694
FAX 847.548.2555
WWW.PROTECRETE.COM

SECTION 1: PRODUCT IDENTIFICATION

Product Label Name: PROTECRETE® Densifier

Proprietary Formula: Colloidal Silicate Solution

Hazard Rating:		Hazard Rating Scale:	
Health	1	Minimal	0
Fire	0	Slight	1
Reactivity	0	Moderate	2
Special	0	Serious	3
		Severe	4

SECTION 2: HAZARDOUS INGREDIENTS

Hazardous component(s): None

SECTION 3: PHYSICAL PROPERTIES

Physical description: Cloudy-white, odorless liquid
Boiling point: 230°F
pH: ±12
Specific gravity: 1.10

SECTION 4: FIRST AID MEASURES

INHALATION: PROTECRETE® Densifier is recommended to be applied using a spray apparatus. PROTECRETE® Densifier application on an outdoor installation normally requires no special ventilation or breathing equipment. Normally utilized ventilation is usually adequate indoors unless the area being treated is very closed in. In that case, extra mechanical ventilation may be required to facilitate more comfortable breathing. PROTECRETE® Densifier's spray mist is not health hazardous to breath, however, a face mask should be worn when spraying set concrete surfaces due to potentially disturbing sharp alkaline cement dust or other particles subject to becoming airborne.
EYES: Flush liberally with fresh water, lifting upper and lower eyelids occasionally. Seek medical attention if redness should persist.
INTERNAL: Drink plenty of water followed by citrus juice. Seek medical attention if nausea or vomiting develops.

SECTION 5: HEALTH HAZARD INFORMATION

Primary routes of exposure: Eye and skin contact
Signs/symptoms: Irritation and/or redness of mucous membranes in area around eyes

SECTION 6: TOXICITY DATA

Toxicity: PROTECRETE® Densifier has proven to be nontoxic, but ingestion is *not* recommended.
Threshold limit values: Not established

SECTION 7: PERSONAL PROTECTION

Protective clothing: None
Other protective measures: An eyewash facility should be nearby, ready for use.

SECTION 8: FIRE & EXPLOSIVE INFORMATION

Flash point: None
Extinguishing media: PROTECRETE® Densifier is not combustible or flammable. Use extinguishing media appropriate for surrounding fire.

SECTION 9: HAZARDOUS REACTIVITY

Stability: Stable
Hazardous decomposition products: None

SECTION 10: DISPOSAL PROCEDURES

Spills or leaks: Dilute and flush with water. Safe for sewer disposal.

SECTION 11: SPECIAL PRECAUTIONS

Storage: Store inside or outside properly situated away from incompatible materials, i.e., strong acids.

SECTION 12: ECOLOGICAL INFORMATION

PROTECRETE® Densifier is environmentally neutral and does not pose any threat to the environment.

SECTION 13: DISCLAIMER

This MSDS should not be construed as product sales literature. Applied Concrete Technology, Inc. disclaims all express or implied warranties or merchantability and fitness for a particular purpose with respect to the information provided herein.

SECTION 14: NOTICE

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