

# MATERIAL SAFETY DATA SHEET

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



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## SECTION 1: PRODUCT IDENTIFICATION

Product Label Name: Deep Barrier

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

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## SECTION 2: HAZARDOUS INGREDIENTS

Hazardous component(s): None

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## SECTION 3: PHYSICAL PROPERTIES

Physical description: Cloudy-white, odorless liquid  
Boiling point: 100°C  
pH: ±12  
Specific gravity: 1.10

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## SECTION 4: FIRST AID MEASURES

**INHALATION:** Deep Barrier is recommended to be applied using a spray apparatus. Deep Barrier 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.

Deep Barrier spray mist is not health hazardous to breathe, 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.

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## 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.

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## SECTION 6: TOXICITY DATA

Toxicity: Deep Barrier has proven to be non-toxic, but ingestion is *not* recommended.  
Threshold limit values: Not established.

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## SECTION 7: PERSONAL PROTECTION

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

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## SECTION 8: FIRE & EXPLOSIVE INFORMATION

Flash point: None  
Extinguishing media: Deep Barrier is not combustible or flammable. Use extinguishing media appropriate for surrounding fire.

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## SECTION 9: HAZARDOUS REACTIVITY

Stability: Stable  
Hazardous decomposition products: None

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## SECTION 10: DISPOSAL PROCEDURES

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

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## SECTION 11: SPECIAL PRECAUTIONS

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

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## SECTION 12: ECOLOGICAL INFORMATION

Deep Barrier is environmentally neutral and does not pose any threat to the environment.

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## SECTION 13: DISCLAIMER

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

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## SECTION 14: NOTICE

All information appearing herein is based upon data generated by Integra Industries from recognized technical sources and is believed to be accurate. Deep Barrier's conditions of use are beyond Integra's control; therefore, users are responsible to verify this data under their own operating conditions to determine whether Deep Barrier is suitable for their particular purposes. They assume all risks of use, handling and disposal of Deep Barrier, or from the publication or use of, or reliance upon information contained herein. This information relates only to Deep Barrier and does not relate to its use in combination with any other material or in any other process. Dated 18/3/2023