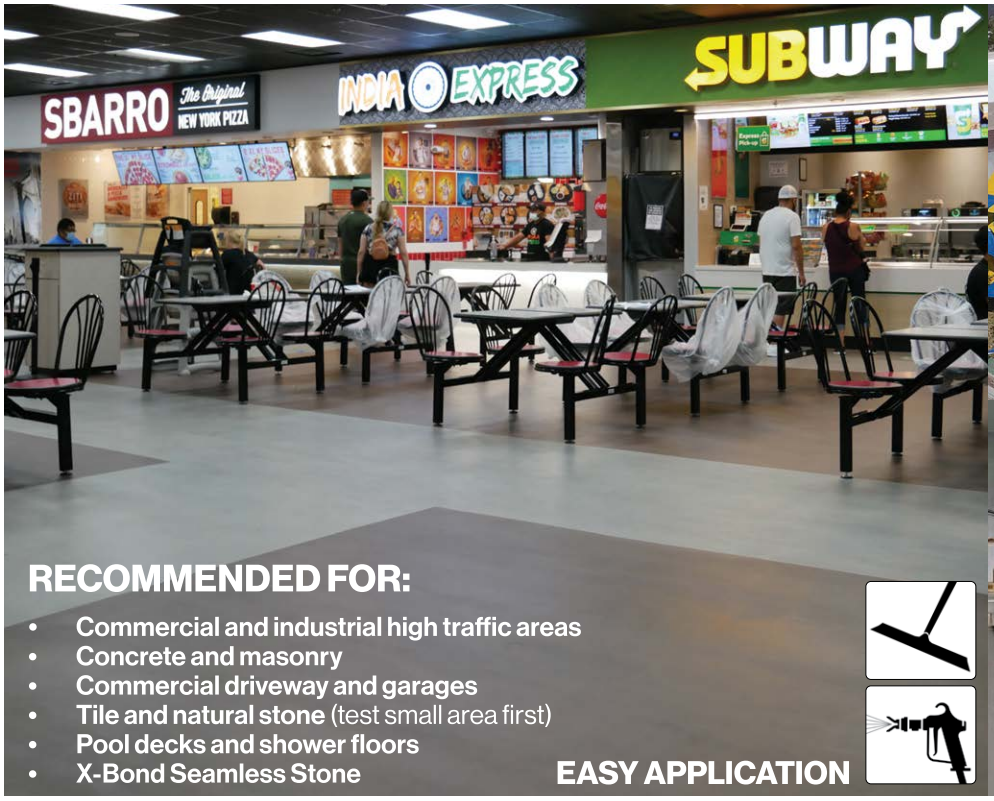
ENGINEERED FOR PROFESSIONALS INSTALLED BY ANYONE



RECOMMENDED FOR:

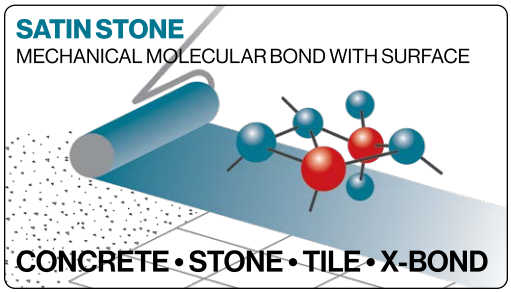
- Commercial and industrial high traffic areas
- Concrete and masonry
- Commercial driveway and garages
- Tile and natural stone (test small area first)
- Pool decks and shower floors
- X-Bond Seamless Stone

EASY APPLICATION

ZERO MAINTENANCE SEALER

SATIN STONE

REJUVENATES AND PROTECTS SURFACES
MAINTAINS NATURAL LOOK



	SATIN STONE	Epoxy	Polyaspartic	Polyurethane
UV Stable for Outdoors	YES	NO	YES	YES
Resistance to Highly Acidic Chemicals pH < 2	YES	NO	YES	YES
Resistance to Extremely Alkaline Chemicals pH > 12	YES	YES	NO	NO
Extreme Abrasion Resistance	YES	YES	NO	NO
Bond strength exceeds 400 PSI	YES	YES	NO	YES

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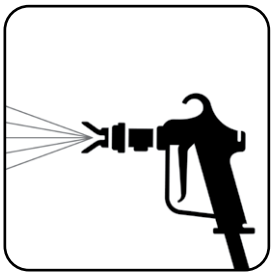
ZERO SATIN STONE MAINTENANCE SEALER

REJUVENATES AND PROTECTS SURFACES
MAINTAINS NATURAL LOOK

APPLICATION PROCEDURE

MIXING RATIO: 2 Parts A : 1 Part B
POT LIFE: 35 min

Apply at temperatures from 50°F to 90°F
Drying time: 1 hour at 72°F
Cure (50%) time : 72 hours at 72°F
Chemical type: Polyurethane hybrid
Clean up: SEMCO Stone Soap with water
Shelf life: 1 year (60 - 72°F)
Packaging: Part A - 1 gal. pail, Part B - 0.5 gal. pail

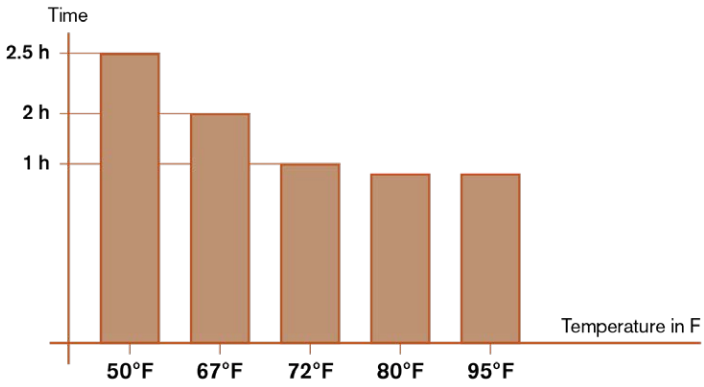


AIRLESS SPRAYER
tip size 21 at 1,000 PSI

MAGIC TROWEL
2 coats minimum

ROLLER
3/8" nap, woven
2 coats minimum

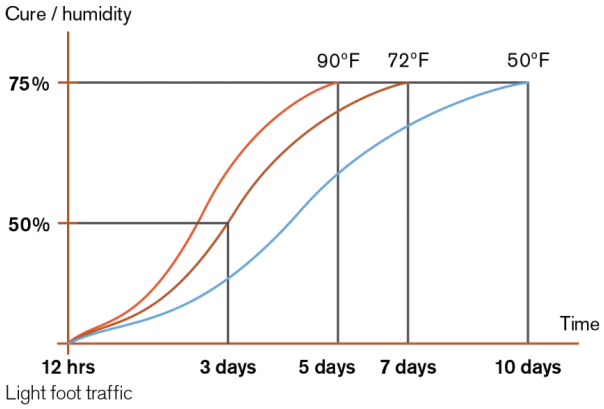
DRYING / RECOAT TIME



Drying times are affected by temperature and relative humidity. The chart represents guidline values but each project is to be treated individually.

The chart represents the time needed in between coats at specified temperature.

CURE TIME



Curing time is affected by temperature and relative humidity. The chart represents guidline values but each project is to be treated individually.

For example at only 50°F, a full cure would take 10 days in comparison to at 95°F it would only take 5 days to cure.

TEST RESULTS

Abrasion testing ISO 7784 with 10,000 rubs	Mass loss of 0.017g only
Water permeability EN 1062-3	W3 - low at 0.013
VOC Emission test according EMICODE	EC 1 PLUS
Performance test - stain resistance	PASSED
Slip resistance ADA Safety Surface	DCOF 0.86
Slip resistance AS/NZS 4586 - pendulum	Slider 96(4S) - P4 = 45 - 54

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ZERO SATIN STONE MAINTENANCE SEALER

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CHEMICAL RESISTANCE

The chemical resistance of a coating material is influenced by many factors, including exposure to a mixture of chemicals, service temperature and housekeeping practices. Successful engineering of the coating system must also take into consideration such factors as substrate design, temperature cycling and anticipated thermal and mechanical shock. Users are urged to consult our technical service department for recommendations on the specific project. Whenever possible, a sample should be tested under actual or simulated field conditions before a decision is made on the suitability of a given system.

Testing was conducted at room temperature on samples cured for 7 days.

Key: 1 - Suitable for continuous contact
2 - Suitable for intermittent spills and continuous contact up to 72 hours
3 - Suitable for intermittent spills if followed promptly by water flushing
4 - Not recommended
*Coating stains when exposed to this chemical

Acetic Acid, 15%	1	Chloroform	1	Methanol	2
Acetic Acid, 25%	2	Chromic Acid, 50%	*1	Methylene Chloride 3	3
Acetic Acid, Glacial	3	Citric Acid, 50%	1	Methyl Ethyl Ketone	4
Acetone	4	Cola Syrup	1	Nitric Acid, 15%	*1
Aluminum Chloride	1	Copper Chloride	1	Oleic Acid	1
Aluminum Nitrate	1	Copper Nitrate	1	Phosphoric Acid, 85%	1
Aluminum Sulfate	1	Copper Sulfate	1	Potassium Chloride	1
Ammonium Hydroxide	1	Diesel Fuel	1	Potassium Cyanide	1
Ammonium Nitrate	1	Ethyl Acetate	1	Potassium Hydroxide	1
Ammonium Sulfate	1	Ethyl Alcohol	1	Potassium Nitrate	1
Aniline	3	Formaldehyde	1	Potassium Sulfate	1
Barium Chloride	1	Formic Acid 25%	1	Skydrol	1
Barium Hydroxide	1	Hydrobromic Acid, 48%	*1	Sodium Hydroxide, 50%	1
Barium Sulfide	1	Hydrochloric Acid, 37%	*1	Sodium Chloride	1
Beer	1	Hydrofluoric Acid, 25%	2	Sulphuric Acid, 50%	*1
Benzene	1	Hydrogen Peroxide, 30%	1	Tetrahydrofuran	1
Brake Fluid	1	Lactic Acid, 50%	1	Tolulene	1
Boric Acid	1	Lactic Acid, 85%	2	Trichlorethylene	1
N-Butyric Acid, 50%	3	Jet Fuel	1	Trichlorethane	1
Calcium Chloride	1	Isopropyl Alcohol	1	Urea	1
Calcium Hydroxide	1	Maleic Acid, 40%	2	Xylene	1

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SAFETY DATA SHEET

Issue Date 3-04-2016 **Revision Date** 03-04-2016 **Version** 1

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product identifier
Product Name SATIN STONE

Other means of identification
Product Code XTS1000

Recommended use of the chemical and restrictions on use
Recommended Use For Industrial, and Commercial Use
Uses advised against No information available

Details of the supplier of the safety data sheet
Manufacturer Address
SEMCO Modern Seamless Surface
3620 West Reno Ave
Las Vegas, NV 89118

Emergency telephone number
Company Phone Number 702-222-9495

Emergency Telephone Chemtrec 1-800-424-9300

2. HAZARDS IDENTIFICATION

Classification

OSHA Regulatory Status
This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Skin sensitization	Category 1

Label elements

Emergency Overview

Warning

Hazard statements
May cause an allergic skin reaction

Appearance Part A Milky White Part B
Clear Liquid

Physical state Liquid **Odor** Slight

Precautionary Statements - Prevention
Avoid breathing dust/fume/gas/mist/vapors/spray
Contaminated work clothing should not be allowed out of the workplace
Wear protective gloves

Precautionary Statements - Response
Get medical advice/attention if you feel unwell
IF ON SKIN: Wash with plenty of soap and water
If skin irritation or rash occurs: Get medical advice/attention
Wash contaminated clothing before reuse

Precautionary Statements - Disposal
Dispose of contents/container to an approved waste disposal plant

Hazards not otherwise classified (HNOC)
Other Information
• Harmful to aquatic life with long lasting effects
• Harmful to aquatic life
Unknown Acute Toxicity 52.60961% of the mixture consists of ingredient(s) of unknown toxicity

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Weight-%	Trade Secret
Ammonium hydroxide	1336-21-6	<0.10	*

*The exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

First aid measures

Eye contact Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.

Skin Contact Wash skin with soap and water. Wash contaminated clothing before reuse.

Inhalation Remove to fresh air.

Ingestion Clean mouth with water and drink afterwards plenty of water.

Most important symptoms and effects, both acute and delayed

Symptoms No information available.

Indication of any immediate medical attention and special treatment needed

Note to physicians Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Dry chemical, CO2, alcohol-resistant foam or water spray.

Unsuitable extinguishing media Caution: Use of water spray when fighting fire may be inefficient.

Specific hazards arising from the chemical
No information available.

Explosion data

Sensitivity to Mechanical Impact None.
Sensitivity to Static Discharge None.

Protective equipment and precautions for firefighters
As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions Ensure adequate ventilation, especially in confined areas.

Environmental precautions

Environmental precautions See Section 12 for additional ecological information.

Methods and material for containment and cleaning up

Methods for containment Prevent further leakage or spillage if safe to do so. Dike far ahead of spill; use dry sand to contain the flow of material.

Methods for cleaning up Pick up and transfer to properly labeled containers.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling Handle in accordance with good industrial hygiene and safety practice.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep containers tightly closed in a dry, cool and well-ventilated place.

Incompatible materials None known based on information supplied.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Appropriate engineering controls

Engineering Controls Showers
Eyewash stations
Ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/face protection No special technical protective measures are necessary.

Skin and body protection No special technical protective measures are necessary.

Respiratory protection If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state	Liquid		
Appearance	Milky liquid Part A, Clear Part B	**Odor**	Slight
Odor threshold	No information available		

Property	**Values**	**Remarks • Method**
pH	7-8	
Melting point/freezing point	32°F	
Boiling point / boiling range	>212°F similar to water	
Flash point	Not applicable ,(water-base)	
Evaporation rate	No information available	
Flammability (solid, gas)	No information available	
Flammability Limit in Air		
Upper flammability limit:	No information available	
Lower flammability limit:	No information available	
Vapor pressure	No information available	
Vapor density	No information available	
Water solubility	Dispersible	
Solubility in other solvents	No information available	
Partition coefficient	No information available	
Autoignition temperature	No information available	
Decomposition temperature	No information available	

10. STABILITY AND REACTIVITY

Reactivity
No data available

Chemical stability
Stable under recommended storage conditions.

Possibility of Hazardous Reactions
None under normal processing.

Conditions to avoid
Protect from freezing - product stability may be affected.

Incompatible materials
None known based on information supplied.

Hazardous Decomposition Products
None known based on information supplied.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information	No data available
Inhalation	No data available.
Eye contact	No data available.
Skin Contact	No data available.
Ingestion	.

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Ammonium hydroxide 1336-21-6	= 140 mg/kg (Rat)	-	-

Information on toxicological effects

Symptoms No information available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization No information available.
Germ cell mutagenicity No information available.
Carcinogenicity No information available.
Reproductive toxicity No information available.
STOT - single exposure No information available.
STOT - repeated exposure No information available.
Aspiration hazard No information available.

Numerical measures of toxicity - Product Information

Unknown Acute Toxicity 20.60961% of the mixture consists of ingredient(s) of unknown toxicity

12. ECOLOGICAL INFORMATION

Ecotoxicity

Harmful to aquatic life

14.9100635% of the mixture consists of components(s) of unknown hazards to the aquatic environment

Chemical Name	Algae/aquatic plants	Fish	Crustacea
Ammonium hydroxide 1336-21-6	-	4.1: 96 h Pimephales promelas mg/L LC50	0.33: 24 h water flea mg/L EC50 0.22: 24 h Daphnia pulex mg/L EC50

Persistence and degradability
No information available.

Bioaccumulation
No information available.

Other adverse effects No information available

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal of wastes Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated packaging Do not reuse container.

14. TRANSPORT INFORMATION

DOT Not regulated

Sea transport Not regulated

15. REGULATORY INFORMATION

International Inventories

TSCA Complies
DSL/NDSL Complies

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

Chemical Name	SARA 313 - Threshold Values %
SATIN STONE	

SARA 311/312 Hazard Categories

Acute health hazard	No
Chronic Health Hazard	No
Fire hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	No

CWA (Clean Water Act)

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Ammonium hydroxide 1336-21-6	1000 lb	-	-	X

CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

Chemical Name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)
Ammonium hydroxide 1336-21-6	1000 lb	-	RQ 1000 lb final RQ RQ 454 kg final RQ

US State Regulations

California Proposition 65

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Ammonium hydroxide 1336-21-6	X	X	X

U.S. EPA Label Information

EPA Pesticide Registration Number Not Applicable

16. OTHER INFORMATION

NFPA	**Health hazards** 1	**Flammability** 0	**Instability** 0	**Physical and Chemical Properties** -
HMIS	**Health hazards** 1	**Flammability** 0	**Physical hazards** 0	**Personal protection** X

Prepared By Samel Sem
Issue Date 3-4-2016
Revision Date 3-4-2016
Revision Note
No information available
Disclaimer
The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet