



SAFETY DATA SHEET

Formula 131 - PART A

Section 1. Product and Company Identification

Product Name: **STAIN SECURE-PART A**
Chemical Name/Family: Acrylic urethane based prepolymers, monomers and additives in water with activator
CAS No.: Trade Secret
Product Use: Coating on natural stones when mixed with PART B
Developer Company: Formula 131 LLC
Address: 92 Park Street, Rutland VT 05701
Telephone: 802 773-1228
Fax: 802 773-1171
24 Hour Emergency Number: 802 773-1228
24 Hour Chemtrec Number: N/A

Section 2. Hazards Identification

GHS Classification

Hazard Class 1

Category: N/A

GHS Label:

Symbol: N/A

Signal Word: N/A

Hazard Classification:

Hazard Statement:

This product is not considered as Hazardous per OSHA.

Precautionary Statement:

Prevention - N/A

Response - N/A

Storage - Floor Surface of storage place should be made of non-perishable material



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Disposal-in accordance with local regulations

Section 3. Composition/Information on Ingredients

Ingredients	CAS No.	Percent
Butyl carbitol		12.3
Acylic and urethane prepolymer		60.0 to 65.0
Additives and monomers		7.0 to 10.0

Section 4. First Aid Measures

Skin Contact:	Use personal protective clothing as needed by the circumstance of use. Wash thoroughly with soap and water.
Eye Contact:	Safety glasses, goggles, face shields.
Inhalation:	If exposed to fumes from overheating, move to fresh air. Consult with a physician if needed.
Ingestion:	Get medical help.

Section 5. Firefighting Measures

Specific Hazards in Case of Fire:	None
Fire Extinguishing Media:	Use dry chemical, alcohol resistant foam, water spray or carbon dioxide surrounding fire.
Unsuitable Extinguishing Media:	None
Special Protective Equipment and Precaution for Firefighters:	Wear self contained breathing apparatus in confined areas or when exposed to combustion products.
Unusual Fire & Explosion Hazards:	Do not use heavy water stream

Section 6. Accidental Release Measures

Personal Precautions:	Use personal protective clothing
Protective Equipment:	Wear appropriate mask, goggles and gloves to avoid contact with eyes and skin.
Environmental Precautions:	Prevent entry into sewers and public water
Methods and Materials for Containment and Cleaning up:	Take up with absorbent material (e.g. sand, general purpose binder)



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Section 7. Handling and Storage

Handling Conditions: Wear appropriate mask, goggles and gloves. Hands should be washed thoroughly with soap and water.

Storage Conditions: Storage place should be constructed of non-perishable material

Section 8. Exposure Control/Personal Protection

Exposure Limits: N/D

Appropriate engineering controls: If spraying, use with appropriate local exhaust ventilation.

Personal protective equipment:

Respiratory Protection: Ventilation, local exhaust.

Hand Protection: Impermeable gloves.

Eye Protection: Safety glass, goggles, face shield.

Skin and Body Protection: Use personal protective clothing as needed by the circumstance of use.

Other Protective Equipment: N/D

Hygiene Measures: N/D

Section 9. Physical and Chemical Properties

Physical State: Liquid

Color: White

Odor: Characteristic odor of emulsion.

Odor Threshold: N/A

% Non-volatile by Weight: N/A

pH: 8

Specific Gravity (77°F): 1.008 weight per gallon 8.4 lbs/gallon

% Volatile by Weight: N/A

Melting Point: N/A

Freezing Point: Below 32°F

Boiling point: 212°F

Flash Point: N/D

Evaporation Rate (BuAc=1): N/D

Flammability: Nonflammable

Explosion Limits: N/A

Vapor Pressure (mmHg): N/A

Vapor Density (Air=1): N/A



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Solubility: Soluble with water
Partition Coefficient: N/A
Auto-ignition Temperature: 60-80°F
Viscosity: 35 seconds in Zahn cup 1
Decomposition Temperature: N/D

Section 10. Stability and Reactivity

Chemical Stability: Stable under normal temperature and pressure.
Hazardous Polymerization: May not occur.
Conditions to Avoid: Overheating and freezing.
Incompatible Materials: Strong acid and bases
Hazardous Decomposition Products: In a fire situation, hydrogen chloride, hydrogen fluoride, carbon monoxide, carbon dioxide may be liberated.

Section 11. Toxicological Information

Primary Routes of Entry:

Eye:		Skin:		Inhalation:		Ingestion:	
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Potential Health Effects:

Inhalation: N/E
 Ingestion: N/E
 Skin: N/E
 Eyes: N/E

Signs and Symptoms of Exposures:

Exposures: N/E
Acute Toxicity: N/E
Chronic Toxicity: N/E
Respiratory or Skin Sensitization: N/E
Mutagenicity: N/E
Carcinogenicity: N/E

IARC:	No	NTP:	No	OSHA:	No
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Section 12. Ecological Information

Ecotoxicity (Aquatic and Terrestrial): N/E
Bioaccumulative Potential: N/E
Mobility in Soil: N/E



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PBT and vPvB Assessment: N/E
Other Adverse Effects: N/E

Section 13. Disposal Considerations

Product: Comply with all federal, state and local regulations.
Disposing of Contaminated Packaging: Comply with all federal, state and local regulations.

Section 14. Transport Information

Land Transport (DOT):

UN Number: N/A
UN Proper Shipping Name: N/A
Transport Hazard Class: Not classified.
Packing Group: Not classified.

Sea Transport (IMDG):

UN Number: N/A
UN Proper Shipping Name: N/A
Transport Hazard Class: N/A
Packing Group: N/A

Air Transport (IATA):

UN Number: N/A
UN Proper Shipping Name: N/A
Transport Hazard Class: N/A
Packing Group: N/A

Environmental Hazards (e.g., Marine pollutant): No

Section 15. Regulatory Information

International Inventories:

TSCA (USA): N/E
DSL (Canada): N/E
ENCS (Japan): N/E
REACH (Europe): N/E
IECSC (China): N/E
KECL (Korea): N/E
PICCS (Philippines): N/E
AICS (Australia): N/E



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ERMA (New Zealand):	N/E
Federal Regulations:	
SARA 313:	N/A
SARA 311/312:	
Clean Water Act:	
Clean Air Act, Section 112 HAPs (See 40CFR61):	N/A
State Regulations:	
Massachusetts Right to Know Components:	N/A
New Jersey Right to Know Components:	N/A
Pennsylvania Right to Know Components:	N/A
California Proposition 65:	N/A

Section 16. Other Information

NFPA Rating

Health Hazard: Excessive exposure to vapors or spray mist may cause headaches or dizziness. If ingested get medical attention immediately.

Fire Hazard: Fire fighters and others exposed to vapors of combustion should wear self contained breathing apparatus.

Reactivity Hazard: None

- N/E: Not Established
- N/A: Not Applicable
- N/D: No Data
- ACGIH: American Conference of Governmental Industrial Hygienists
- T.C.C: Tag Closed Cup
- C.O.C.: Cleveland Open Cup