

## Spetec Surface Guard

Aqueous mixture used for preventing polyurethane stains on concrete.

### SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Spetec Surface Guard  
 MANUFACTURER: Alchemy-Spetec  
 ADDRESS: 4508 Bibb Blvd, Tucker, GA 30084  
 PHONE: (404) 618-0438  
 FAX: (678) 805-4783  
 WEBSITE: www.alchemy-spetec.com  
 FOR EMERGENCY: Call CHEMTREC Day or Night  
 1-800-424-9300 / +1 703-527-3887

### SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Name of Hazardous Ingredients	CAS #	% by Weight
None	Mixture	100%

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

#### POTENTIAL HEALTH EFFECTS

CHRONIC HEALTH HAZARD: This product contains no listed carcinogens according to IARC, AC-GIH, NTP and/or OSHA in concentrations of 0.1 percent or greater.

CAUTION: MAY CAUSE EYE, SKIN AND RESPIRATORY TRACT IRRITATION.

EYES: May cause eye irritation due to mechanical action.

SKIN: May cause slight skin Irritation with repeated contact.

INHALATION: Vapor would be water. Residual powder upon water evaporation could cause irritation to upper respiratory tract (nose and throat).

INGESTION: Very low toxicity if swallowed. Swallowing may result in gastrointestinal irritation.

### SECTION 4. FIRST AID MEASURES

EYES: Immediately flush eyes with plenty of water for at least 15 minutes. If irritation persists get medical attention.

SKIN: Immediately take off all contaminated clothing. For skin contact, wash immediately with soap and water. If irritation persists, get medical attention.

INHALATION: Move person to fresh air; if effects occur consult a physician.

INGESTION: If swallowed, seek medical attention. Do not induce vomiting unless directed to do

so by medical personnel.

NOTES TO PHYSICIAN: No specific antidote. Treatment of exposure should be directed at the control of symptoms and the clinical condition of the patient.

## SECTION 5. FIRE FIGHTING MEASURES

HAZARDOUS COMBUSTION PRODUCTS: Decomposition of this product may emit but not be limited to carbon monoxide and carbon dioxide.

EXTINGUISHING MEDIA: Water spray, dry chemical, carbon dioxide.

GENERAL FIRE HAZARDS: NA

FIRE FIGHTING EQUIPMENT/INSTRUCTIONS: Wear full protective clothing, including helmet, self-contained positive pressure or pressure demand breathing apparatus, protective clothing and face mask.

FLASH POINT: > 200 °F

## SECTION 6. ACCIDENTAL RELEASE MEASURES

SPILLS, LEAKS, OR RELEASES: Clean up should only be performed by trained personnel. People dealing with major spillages should wear full protective clothing including appropriate respiratory protection. Evacuate the area. Prevent further leakage, spillage or entry into drains.

## SECTION 7. HANDLING AND STORAGE

HANDLING PROCEDURES: Avoid breathing aerosols, mists and vapors. Avoid contact with skin and eyes. Avoid personal contact with the product or reaction mixture. Use only with adequate ventilation to ensure that the occupational exposure limit is not exceeded. The efficiency of the ventilation system must be monitored regularly because of the possibility of blockage. Avoid breathing aerosols, mists and vapors.

STORAGE PROCEDURES: If container is exposed to high heat, it can be pressurized and possibly rupture explosively. Keep the container tightly closed and in a cool, well-ventilated place.

## SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### PERSONAL PROTECTIVE EQUIPMENT

EYES/FACE: Wear safety glasses; chemical goggles (if splashing is possible).

SKIN: Use impervious gloves. Protective clothing is recommended. Use of impervious apron and boots are recommended where splashing of the chemical is likely.

RESPIRATORY: When the product is sprayed or heated without adequate ventilation, an approved MSHA/NIOSH positive-pressure, supplied-air respirator may be required.

## SECTION 9. PHYSICAL & CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

COLOR AND ODOR: Translucent white, low odor

BOILING POINT: Above 200F

VAPOR PRESSURE: not available

EVAPORATION RATE: not available  
SOLUBILITY (H<sub>2</sub>O): Soluble  
VOC: none

## SECTION 10. CHEMICAL STABILITY & REACTIVITY INFORMATION

CHEMICAL STABILITY: Stable under normal conditions.

HAZARDOUS DECOMPOSITION: Hazardous decomposition products: carbon monoxide, carbon dioxide.

HAZARDOUS POLYMERIZATION: Stable.

INCOMPATIBILITY: Avoid contact with oxidizing materials.

## SECTION 11. TOXICOLOGICAL INFORMATION

### ACUTE TOXICITY

INGESTION: Single dose oral LD<sub>50</sub> has not been determined.

SKIN ABSORPTION: The dermal LD<sub>50</sub> has not been determined.

SENSITIZATION SKIN: Did not cause allergic skin reactions when tested in humans.

REPEATED DOSE TOXICITY: Based on available data, repeated exposures are not anticipated to cause significant adverse effects.

CHRONIC TOXICITY AND CARCINOGENICITY: Similar materials did not cause cancer in long term studies.

DEVELOPMENTAL TOXICITY: Similar materials did not cause birth defects or other toxic effects to the fetus in laboratory animal studies.

REPRODUCTIVE TOXICITY: In animal studies, a similar material has been shown not to interfere with reproduction.

GENETIC TOXICOLOGY: Similar materials were negative in both in vitro and animal genetic toxicity studies.

## SECTION 12. ECOLOGICAL INFORMATION

### ECOTOXICITY

For the major component(s): Not expected to be acutely toxic to aquatic organisms. For the minor component(s): Material is practically non-toxic to aquatic organisms on an acute basis (LC/50/EC50/EL50/LL50 > 100mg/L in the most sensitive species tested).

BIODEGRADATION: No data available.

## SECTION 13. DISPOSAL CONSIDERATIONS

DISPOSAL INSTRUCTIONS: Dispose of waste material according to Local, State, Federal, and Provincial Environmental Regulations. Chemical waste, even in small quantities, should never be discarded down drain, sewers, or waterways.

## SECTION 14. TRANSPORTATION INFORMATION

DOT: Class - Not regulated

IMDG International Maritime Dangerous Goods Code: Class - Not regulated

IATA: Class - Not regulated

**SECTION 15. REGULATORY INFORMATION**

OSHA STATUS: his product is non-hazardous under the criteria of Federal OSHA . Hazard Commu-  
nication Standard 29  
CFR 1910.1200.

**SECTION 16. OTHER INFORMATION**

HMIS RATINGS:

Health	1
Flammability	0
Reactivity	0
Protection	B

PREPARATION INFORMATION:

Oct, 2018

This SDS is on a three year review cycle. If the date on this sheet is older than three years please  
contact Alchemy-Spetec for an updated SDS.

DISCLAIMER:

All information appearing herein is based on manufacturer and/ or recognized technical sources.  
While the information is believed accurate Alchemy-Spetec makes no representations as to the  
accuracy or sufficiency of the information.

SAFETY DATASHEET

