

SAFETY DATA SHEET

FS-600	<i>SDS Number: FS-600</i>	<i>Revision Date: 09/03/2019</i>
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1. PRODUCT AND COMPANY IDENTIFICATION:

Product Name: FS-600
Product Code: FS-600
Product Use: Institutional Floor Sealer/Finish
Synonyms: Waterborne Acrylic Emulsion Floor Sealer,
Chemical Formula: Mixture of substances listed below
 with nonhazardous additions
Restrictions: Institutional, Commercial, Retail and
 Industrial Floor Care Use Only



Manufacturer: Surtec, Inc.
 1880 N. MacArthur Dr
 Tracy, CA 95376
 209.820.3700
 Toll Free 800.877.6330

Emergency contact: Chemtrec 800.424.9300
 CCN No. 21541

2. HAZARD IDENTIFICATION:

GHS CLASSIFICATION:

<u>HEALTH</u>	<u>ENVIRONMENTAL</u>	<u>PHYSICAL</u>
<i>This product is non-hazardous according to OSHA 29CFR 1910.1200</i>	<i>Acute Toxicity: None Known Chronic Toxicity: None Known</i>	<i>None</i>
<u>GHS Pictogram</u> <i>None</i>	<u>Signal Word:</u> <i>None</i>	
<u>Hazard Statements</u> May cause mild skin and eye irritation		
<u>Precautionary Statements</u> Wear protective gloves/protective clothing/eye protection/face protection. IF IN EYES: Rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation occurs and persists, get medical attention. IF ON SKIN: Wash with soap and water. If irritation occurs and persists, get medical attention. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if you feel unwell. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Get medical attention if you feel unwell. Store in a closed container. Dispose of contents/container in accordance with local regulation.		

3. COMPOSITION/INFORMATION ON INGREDIENTS:

INGREDIENT	CAS NO.	PERCENT	HAZARDOUS
DIETHYLENE GLYCOL MONOETHYL ETHER	111-90-0	4-6%	YES
ETHYLENE GLYCOL	107-21-1	1-3%	YES
TRIBUTOXYETHYL PHOSPHATE	78-51-3	1-3%	YES
Exact Percentages are being withheld as trade secret information.			

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4. FIRST-AID MEASURES:

Eye Contact: Rinse with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing. If irritation occurs and persists, get medical attention.

Skin Contact: Wash with soap and water. If irritation occurs and persists, get medical attention.

Inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if you feel unwell.

Ingestion: Rinse mouth. Do NOT induce vomiting. Get medical attention if you feel unwell.

5. FIRE-FIGHTING MEASURES:

Fire Extinguishing media: Use water spray dry chemical, carbon dioxide or regular foam. Move containers away from fire area if can be done without risk.

Hazards during fire-fighting:

Containers may rupture when exposed to extreme heat.

Protective equipment for fire-fighting:

Wear NFPA-approved self-contained breathing apparatus, helmet, hood, boots and gloves.

6. ACCIDENTAL RELEASE MEASURES:

Personal precautions:

Use recommended personal protective clothing and equipment. To prevent slipping, do not walk through spilled material.

Environmental precautions:

Follow all Federal, State and Local regulations when storing and disposing of substances. Do not allow material to run off of work area, and material should be absorbed, collected and disposed of in accordance with regulations. Keep product from entering storm drains. Consult local and federal guidelines for proper disposal of these materials.

Cleanup:

- For small amounts of released material: Mop or vacuum up then transfer to suitable container for disposal. - For large amounts of released material: Dike around spilled material to contain. Spilled material may be mopped or vacuumed up, then transferred to plastic containers for disposal.

7. HANDLING and STORAGE:

Handling:

General advice - No specific measures are necessary provided product and recommended protective clothing/equipment are used correctly. Do not mix with other chemicals. This is a commercial product, not intended for home use. Keep out of reach of children.

Storage:

General advice - Protect against physical damage. Store in tightly closed containers in a cool, well ventilated area. Do not allow product to freeze.

Shelf Life:

12 months

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8. EXPOSURE CONTROLS and PERSONAL PROTECTION:

Advice on system design:

Provide local exhaust ventilation to control vapors for published exposure limits.

Personal protective equipment (HMIS rating 'B'):

Eye protection: Wear safety glasses with side shields or safety goggles to prevent exposure or full face shield if splash hazard exists.

Skin protection: Chemical-resistant gloves. Wear appropriate protective clothing to prevent possible skin contact.

Respiratory protection: Use proper NIOSH-OSHA respirator if exposure limits are exceeded or ventilation is inadequate.

General safety and hygiene measures: Exercise stringent hygiene practices to minimize exposure.

If contact occurs, wash any body part with soap and water immediately. Wash hands after use, and before eating, drinking or smoking.

Other protective measures:

Nearby running water on the job site is necessary, should an accident occur.

Exposure Guidelines:

ACGIH TLV: 20 ppm (107-21-1), Not Established (111-90-0)

STEL: Not Established (107-21-1), Not Established (111-90-0)

OSHA PEL: Not Established (107-21-1), Not Established (111-90-0)

9. PHYSICAL and CHEMICAL PROPERTIES:

Appearance:	White Liquid	Flash Point:	> 200°F
Odor:	Sweet	Upper/Lower Flammability Limits:	No information available
pH value:	8.1 +/- 0.2	Relative Density (water):	1.04
Specific gravity:	1.04 (H2O = 1)	Auto-Ignition Temperature:	No information available
Solidification temperature:	No information available	Decomposition temperature:	No information available
Freezing/Melting point:	32 °F (0 °C)	Partition Coefficient	No information available
Boiling point:	212°F (100 °C)	Odor Threshold	No information available
Vapor density:	No information available	Viscosity:	< 10 cps.
Vapor pressure:	No information available	Partition Coefficient	No information available
Evaporation Rate:	No information available	Solubility in water:	Miscible
Regulatory VOC:	< 1% by weight		

10. STABILITY and REACTIVITY:

Conditions to avoid: Freezing. Excessive heat or flame.

Substances to avoid: Strong oxidizing agents, acids and bases.

Hazardous reactions: Product is chemically stable under normal conditions of use and storage.

Decomposition or By-products: In fire conditions: carbon monoxide (CO), carbon dioxide (CO₂).

11. TOXICOLOGY INFORMATION:

Acute Toxicity (Symptoms):

Oral: Ingestion may cause nausea, vomiting, and diarrhea.

Eye irritation: Mild irritation, redness and tearing.

Skin irritation: Mild irritation and redness.

Inhalation: May cause minor irritation to the respiratory tract.

Sensitization: Skin: N/A. Respiratory: N/A

Chronic Toxicity:

Other information: No carcinogenic substances as defined by IARC, NTP and/or OSHA.

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12. ECOLOGICAL INFORMATION:

Biodegradation:

Test method: Unspecified
 Analysis method: Unspecified
 Degree of elimination: Not Established

Environmental toxicity:

Acute and prolonged toxicity to fish: Not Established
 Toxicity to microorganisms: Not Established
 Other ecotoxicological advice: Not Established

13. DISPOSAL CONSIDERATIONS:

Waste disposal of substance: Dispose of in accordance with all Federal, State and Local regulations when storing and disposing of substances. It is the waste generator's responsibility to determine if a particular waste is hazardous under RCRA (EPA regulations for hazardous waste).

Container disposal: Dispose of in a licensed facility in accordance with local regulations.

RCRA:

Unspecified.

14. TRANSPORTATION INFORMATION:

DOT:

Proper Shipping Name: WAX, LIQUID (NON-HAZARDOUS)

15. REGULATORY INFORMATION:

Federal Regulations:

Registration status:

TSCA, US: All components are listed or exempt.

SARA hazard category (EPCRA 311/312): Acute health hazard

SARA TITLE III, SECTION 313:

<u>CAS Number:</u>	<u>Chemical Name:</u>
111-90-0	Diethylene Glycol Monoethyl Ether
107-21-1	Ethylene Glycol

State Regulations:

Chemicals known to the State of California to cause cancer, birth defects or other reproductive harm

<u>CAS Number:</u>	<u>Chemical Name:</u>
107-21-1	Ethylene Glycol (Ingested)

CA Cleaning Product Right To Know Act of 2017: Ingredient Disclosure

INGREDIENT	CAS NUMBER	FUNCTION
WATER	7732-18-5	DILUENT
ACRYLIC COPOLYMER EMULSION	NOT AVAILABLE	POLYMER FILM-FORMER
DIETHYLENE GLYCOL MONOETHYL ETHER	111-90-0	COALESCING SOLVENT
ETHYLENE ACRYLIC ACID WAX EMULSION	NOT AVAILABLE	WAX ADDITIVE
TRIBUTOXYETHYL PHOSPHATE	78-51-3	PLASTICIZER
ETHYLENE GLYCOL	107-21-1	PLASTICIZER
2,2,4-TRIMETHYL-1,3 PENTANEDIOL, MONOBUTYRATE	25265-77-4	PLASTICIZER
ZINC AMMONIA CARBONATE COMPLEX	38714-47-5	CROSSLINKER

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ANIONIC SURFACTANT	NOT AVAILABLE	STABILIZER
HIGH DENSITY POLYETHYLENE WAX EMULSION	NOT AVAILABLE	WAX ADDITIVE
FLUORINATED ALCOHOL, REACTION PRODUCTS WITH PHOSPHOROUS OXIDE, AMMONIUM SALTS	NOT AVAILABLE	FLUOROSURFACTANT LEVELING AGENT
POLYDIMETHYLSILOXANE EMULSION	NOT AVAILABLE	DEFOAMER
PRESERVATIVE INGREDIENTS:		
METHYL CHLORO ISOTHIAZOLINONE	26172-55-4	PRESERVATIVE INGREDIENT
METHYL ISOTHIAZOLINONE	2682-20-4	PRESERVATIVE INGREDIENT
MAGNESIUM CHLORIDE	7786-30-3	PRESERVATIVE INGREDIENT
MAGNESIUM NITRATE	10377-60-3	PRESERVATIVE INGREDIENT

16. OTHER INFORMATION:

NFPA Rating:

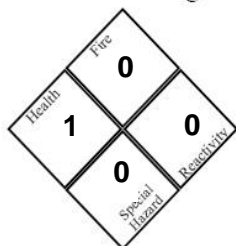
Health: 1 Fire: 0 Reactivity: 0 Special Hazard: none

HMIS III Rating:

Health: 1 Flammability: 0 Physical Hazard: 0
 Personal Protection: B (safety glasses with side shields and chemical-resistant gloves)

Both NFPA and HMIS III rating systems use a numbering scale that ranges from 0 to 4 to indicate the degree of hazard. A value of zero means the substance possesses no hazard while a value of four indicates high hazard.

NFPA Rating



HMIS Rating

HEALTH	1
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	B

Prepared by: Surtec, Inc. 09/03/19 **Revision No.:** Original

Local Contact Information:

Surtec, Inc.
 209-820 3700; Toll Free 800-877-6330 (8 a.m. to 5 p.m., M-F, PST)

www.surtecsystem.com

Notice: The information provided is accurate to the best of our knowledge and is offered in good faith. No warranty, either expressed or implied, is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in specific context of the intended use and determine whether they are appropriate.

Warranty: This is a proprietary SURTEC product, warranted to be of uniform quality within our stringent manufacturing tolerances. As no control is exercised over product use, no warranty is made as to the effects of such use (neither expressed nor implied). Obligation of the seller and manufacturer under this warranty shall be limited to a refund of the purchase price of that portion of the material proven to be defective. The user assumes all other risk and liability resulting from uses of this product. Contact SURTEC with any questions regarding this policy.