



SoftClad™ Extra-Strength Fabric Protector

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product identifier

Chemical Name
Trade Name
CAS No.

Mixture
SoftClad™ Extra-Strength Fabric Protector
Mixture

Relevant identified uses of the substance or mixture and uses advised against

Identified Use(s)
Uses Advised Against

Surface Care Product
Do not aerosolize or atomize.

Details of the supplier of the safety data sheet

Company Identification

Stir Technologies, LLC.
PO Box 1197
Alamo, CA 94507
United States of America

Telephone

(925) 500-6300;

Emergency telephone number

Emergency Phone No.

Chemical Emergency: 1-800-633-8253; Acct#11375
Not classified as dangerous for transport.

SECTION 2: HAZARDS IDENTIFICATION

Classification of the substance or mixture

OSHA HCS (29 CFR 1910.1200)

Not classified as dangerous for supply/use.

Label elements

Hazard Symbol(s)
Signal Word(s)
Hazard Statement(s)
Precautionary Statement(s)

None
None
None
None

Other hazards

Not classified as PBT or vPvB.

Additional Information

None

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Composition/information on ingredients	%W/W	CAS No.	Hazard classification
Fluorinated acrylic polymer	1.3 – 1.7	Trade Secret	Not classified as dangerous for supply/use.
Water	98.3 – 98.7	7732-18-5	Not classified as dangerous for supply/use.

Additional Information - Substances in the product which may present a health or environmental hazard, or which have been assigned occupational exposure limits, are detailed below. – **None**

SECTION 4: FIRST AID MEASURES



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Description of first aid measures

Inhalation	Remove person to fresh air and keep comfortable for breathing. If breathing is laboured, administer oxygen. If symptoms develop, obtain medical attention.
Skin Contact	Wash affected skin with plenty of water. While not expected, if irritation (redness, rash, blistering) develops, get medical attention.
Eye Contact	Remove any contact lenses. If substance has got into the eyes, immediately wash out with plenty of water for at least 15 minutes. If symptoms develop, obtain medical attention.
Ingestion	Call a physician (or poison control centre immediately). Do not give anything by mouth to an unconscious person.
Most important symptoms and effects, both acute and delayed	None
Indication of any immediate medical attention and special treatment needed	None

SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing Media

- Suitable Extinguishing Media
- Unsuitable Extinguishing Media

Non-combustible. As appropriate for surrounding fire.
None anticipated.

Special hazards arising from the substance or mixture

Combustion or thermal decomposition will evolve toxic and irritant vapours. Forms oxides of carbon, hydrogen fluoride, perfluoroisobutylene, carbonyl fluoride, and fluorinated organic compounds.

Advice for fire-fighters

Fire fighters should wear complete protective clothing including self-contained breathing apparatus.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Avoid skin contact. Do not get in eyes. Wear protective gloves/eye protection. Avoid breathing mist/vapours/spray.

Environmental precautions

Contain spillages with sand, earth or any suitable adsorbent material. Do not allow to enter drains, sewers or waterways.

Methods and material for containment and cleaning up

Contain spillages with sand, earth or any suitable adsorbent material. Transfer to a container for disposal or recovery. Wash the spillage area with water. If possible prevent water running into sewers.

Reference to other sections Additional Information

None
None

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling

Avoid skin contact. Do not get in eyes. Do not breathe mist/vapours/spray. Do not use in areas without adequate ventilation.

Conditions for safe storage, including any incompatibilities

SoftClad™ Extra-Strength Fabric Protector

-Storage temperature
-Incompatible materials

Store at temperatures not exceeding 50°C / 122 °F. Protect from freezing.
Strong oxidising agents and alkalis. Avoid contact with: Lewis acids, the metals: aluminium, magnesium and their alloys.
Textile Repellent

Specific end use(s)

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Occupational Exposure Limits

SUBSTANCE.	CAS No.	(8hr TWA)		(STEL)		Note:
		PEL (OSHA)	TLV (ACGIH)	PEL (OSHA)	TLV (ACGIH)	
None	-----	-----	-----	-----	-----	-----

- STEL: Short Term Exposure Limit

Exposure controls

Appropriate engineering controls

For spray applications, use a coarse spray device such as a trigger sprayer with particle size production greater than 15 microns. Use only a low pressure (less than 60psi) sprayer.
Do not aerosolize or atomize. Suitable ventilation must be used during application.

Personal protection equipment

Eye/face protection



The following to be used as necessary:

Safety glasses with side-shields.

Skin protection (Hand protection/ Other)



Gloves (PVC, Neoprene, or Natural rubber).

Respiratory protection



In case of insufficient ventilation, wear suitable respiratory equipment.
Check with protective equipment manufacturer's data.

Thermal hazards

Not normally required.

Environmental Exposure Controls

Do not allow to enter drains, sewers or waterways.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance
Color.
Odor
Odor Threshold (ppm)
pH (Value)

Slightly, hazy liquid
Off-white
Mild
Not available.
~5.0



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Melting Point (°C) / Freezing Point (°C)	Not available.
Boiling point/boiling range (°C):	~100
Flash Point (°C)	Not available
Evaporation Rate	Not available.
Flammability (solid, gas)	Not applicable.
Explosive Limit Ranges	Not applicable.
Vapour pressure (Pascal)	Similar to water.
Vapour Density (Air=1)	Similar to water.
Density (g/ml)	~1.0
Solubility (Water)	Dispersible in water.
Solubility (Other)	Not available.
Partition Coefficient (n-Octanol/water)	Not available.
Auto Ignition Point (°C)	Not applicable.
Decomposition Temperature (°C)	Not available.
Kinematic Viscosity (cSt) @ 40°C	Not available. / Not applicable.
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.

Other information

Not available.

SECTION 10: STABILITY AND REACTIVITY

Reactivity	Stable under normal conditions.
Chemical stability	Stable.
Possibility of hazardous reactions	None anticipated.
Conditions to avoid	Incompatible materials. Do not use at temperatures above 200 °C as dangerous decomposition products may be generated.
Incompatible materials	Strong oxidising agents and alkalis. Avoid contact with: Lewis acids, the metals: aluminium, magnesium and their alloys.
Hazardous decomposition product(s)	Low molecular weight organic compounds; oxides of carbon, and smoke of unknown toxicity. Forms oxides of carbon, hydrogen fluoride, carbonyl fluoride, perfluoroisobutylene, and other fluorinated organic compounds.

SECTION 11: TOXICOLOGICAL INFORMATION

Exposure routes: Inhalation, Skin Contact, Eye Contact

Information on toxicological effects

Fluorinated acrylic polymer (CAS# Trade Secret):

Acute toxicity (estimated/predicted)	LD50 (oral): >2000 mg/kg-bw (rat)
Irritation / Corrosivity	May cause irritation to skin, eyes and respiratory system.
Sensitization	Not to be expected.
Repeated dose toxicity	Not available.
Mutagenicity	Not to be expected
Carcinogenicity	Not to be expected

NTP	IARC	ACGIH	OSHA
No.	No.	No.	No.

Toxicity for reproduction

Not available.

Other information

None



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SECTION 12: ECOLOGICAL INFORMATION

Substances in preparations / mixtures:

Fluorinated acrylic polymer (CAS# Trade Secret):

Acute toxicity
Long Term ToxicityNot available.
Not available.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal should be in accordance with local, state or national legislation.
Consult an accredited waste disposal contractor or the local authority for advice.

Additional Information

None known.

SECTION 14: TRANSPORT INFORMATION

	Land transport (U.S. DOT)	Sea transport (IMDG)	Air transport (ICAO/IATA)
UN number			
Proper Shipping Name		Not classified as dangerous for transport.	
Transport hazard class(es)			
Packing group			
Hazard label(s)			
Environmental hazards			
Special precautions for user			

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: Not applicable

SECTION 15: REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture:

TSCA (Toxic Substance Control Act) - Inventory Status: All components listed or polymer exempt.

The Fluorinated acrylic polymer in this product is subject to an action under a TSCA section 5 (e) Consent Order between the US EPA and the chemical's manufacturer.

TSCA 12(B): ACC#277055 Fluoroalkyl acrylate copolymer (subject to export notification)

Designated Hazardous Substances and Reportable Quantities (40 CFR 302.4):

Chemical Name	CAS No.	Typical %wt.	RQ (Pounds)
None	-----	-----	-----

SARA 311/312 - Hazard Categories: None

☐ Fire ☐ Sudden Release ☐ Reactivity ☐ Immediate (acute) ☐ Chronic (delayed)

SARA 313 - Toxic Chemicals (40 CFR 372):

Chemical Name	CAS No.	Typical %wt.
None	-----	-----



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SARA 302 - Extremely Hazardous Substances (40 CFR 355):

Chemical Name	CAS No.	Typical %wt.	RQ (Pounds)	TPQ (Pounds)
None	-----	-----	-----	-----

Proposition 65 (California):

Chemical Name	CAS No.	Typical %wt.	Hazards
None	-----	-----	-----

SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements: 1-16.

Date of preparation: October 6, 2015

Hazard Statement(s) Listed in: SECTION 3

None

Training advice: None.

This information relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process. Such information is to the best of our knowledge and belief, accurate and reliable as of the date compiled. However, no representation, warranty or guarantee is made as to its accuracy, reliability, or completeness. It is the user's responsibility to satisfy himself as to the suitability and completeness of this information for his own particular use. We do not accept liability for any loss or damage that may occur from the use of this information nor do we offer warranty against patent infringement.