

MATERIAL SAFETY DATA SHEET

Fiber ProTector – Water Based MSDS Date: 7/16/2013

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product name : Fiber ProTector – Water Based

Product use : Fabric Protection

Supplier : Fiber ProTector America, LLC
1100 Jones Street
Little Rock, AR 72202
501.374.4402 Tel
501.374.4035 Fax

Transport Emergency : CHEMTREC: 1.800.424.9300 (outside the U.S. 1.703.527.3887)

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS-No.	Concentration
Water	7732-18-5	74 – 81 %
Fluorinated Acrylic Copolymer		19 – 26 %
Tetramethyl succinonitrile	3333-52-6	0.003 – 0.01 %

SECTION 3: HAZARDS IDENTIFICATION

Emergency Overview

The hazards of this product are associated mainly with its processing. Inhalation of decomposition products in high concentration may cause shortness of breath (lung oedema). Inhalation of aerosol or fine spray mist may cause serious respiratory problems.

Potential Health Effects

Eyes : May cause eye irritation. May cause: Tearing, Redness, Discomfort.

Inhalation : Inhalation of decomposition products in high concentration may cause shortness of breath (lung oedema). Inhalation of aerosol or fine spray mist may cause serious respiratory problems.

Ingestion : May cause: Kidney effects, altered blood chemistry, nasal irritation, inflammation with redness, tenderness, or swelling. Information given is based on data obtained from similar product.

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Carcinogenicity

None of the components present in this material at concentrations equal to or greater than 0.1% are listed by IARC, NTP, or OSHA, as a carcinogen.

SECTION 4: FIRST AID MEASURES

- | | | |
|----------------|---|---|
| Skin contact | : | Wash off immediately with soap and plenty of water. Wash contaminated clothing before re-use. |
| Eye contact | : | Rinse immediately with plenty of water for at least 15 minutes. Seek medical advice. |
| Inhalation | : | Move to fresh air. Oxygen or artificial respiration if needed. Symptoms may be delayed. Call a physician immediately. |
| Ingestion | : | Call a physician or poison control centre immediately. If swallowed, DO NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. |
| General advice | : | When symptoms persist or in all cases of doubt seek medical advice. |

SECTION 5: FIREFIGHTING MEASURES

- | | | |
|------------------------------|---|---|
| Flammable Properties | : | |
| Flash point | : | does not flash |
| Thermal decomposition | : | > 200 °C (> 392 °F)
To avoid thermal decomposition, do not overheat.
Thermal decomposition can lead to release of irritating gases and vapors. |
| Fire and Explosion Hazard | : | The product itself does not burn. Hazardous decomposition products formed under fire conditions. Hazardous combustion products: Hydrogen fluoride Carbon dioxide (CO ₂) Carbon monoxide other hazardous decomposition products may be formed. |
| Suitable extinguishing media | : | Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. |
| Firefighting Instructions | : | Wear self-contained breathing apparatus for firefighting if necessary. Evacuate personnel to safe areas. Do not allow run-off from firefighting to enter drains or watercourses. |

SECTION 6: ACCIDENTAL RELEASE MEASURES

NOTE: Review FIRE FIGHTING MEASURES and HANDLING (PERSONNEL) sections before proceeding with clean up. Use appropriate PERSONAL PROTECTIVE EQUIPMENT during clean up.

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- Safeguards (Personnel)** : Evacuate personnel to safe areas. Use personal protective equipment. Ventilate the area.
- Spill Cleanup** : Dam up. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Pick up and transfer to properly labeled containers.
- Accidental Release Measures** : Do not discharge to streams, ponds, lakes, or sewers. Avoid subsoil penetration.

SECTION 7: HANDLING AND STORAGE

- Handling (Personnel)** : Avoid formation of respirable particles. Do not breathe vapor or mist. Avoid contact with skin, eyes, and clothing. Wash hands before breaks and immediately after handling the product. Wash contaminated clothing before re-use.
- Handling (Physical Aspects)** : To avoid thermal decomposition, do not overheat. Thermal decomposition can lead to release of irritating gases and vapors. Do not spray near open flame or heated surface.
- Storage** : Keep tightly closed in a dry, cool, and well-ventilated place. Perishable if frozen.
- Storage temperature** : 5 - 40 °C (41 - 104 °F)

SECTION 8: EXPOSURE CONTROL/PERSONAL PROTECTION

- Engineering controls** : Use only in area provided with appropriate exhaust ventilation. Use an airless flow type of spray applicator. Keep spraying pressure below 60 psi.
- Personal protective equipment**
- Respiratory protection** : In case of mist, spray or aerosol exposure wear suitable personal respiratory protection and protective suit.
- Hand protection** : Additional protection: Impervious gloves
- Eye protection** : Wear safety glasses or coverall chemical splash goggles.
- Skin and body protection** : Lightweight protective clothing

Exposure Guidelines

Exposure Limit Values

Tetramethyl succinonitrile

PEL:	(OSHA)	0.5 ppm	3 mg/m ³	8 hr. TWA
		Skin designation		
TLV	(ACGIH)	0.5 ppm	TWA	
		Skin designation		

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Form	: liquid
Color	: clear, to opaque, yellow
pH	: 4 – 6
Boiling point	: 100 °C (212 °F) at 760 mm Hg
% Volatile	: 74 – 81 %
Water solubility	: dispersible

SECTION 10: STABILITY AND REACTIVITY

Stability	: Stable under normal conditions.
Conditions to avoid	: To avoid thermal decomposition, do not overheat.
Hazardous decomposition products	: Carbon dioxide, Carbon monoxide, Hydrogen fluoride Incompletely burned carbon products Other hazardous decomposition products may be formed.

SECTION 11: TOXICOLOGICAL INFORMATION

Inhalation 4 h ALC	: 4.7 mg/l, rat
Oral LD50	: >5,000 mg/kg, rat
Skin irritation	: No skin irritation, rabbit
Eye irritation	: slight irritation, rabbit
Sensitization	: Did not cause sensitization on laboratory animals, mouse
Repeated dose toxicity	: Oral – gavage rat Abnormal increase in white blood cells, nasal effects, kidney effects, increased kidney weight. Information given is based on data obtained from similar product.
Mutagenicity	: Test on bacterial or mammalian cell cultures did not show mutagenic effects.
Reproductive toxicity	: No toxicity to reproduction
Teratogenicity	: Animal testing showed no developmental toxicity.
Further information	: Information given is based on data obtained from similar product.

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Tetramethyl succinonitrile
Dermal LD50 : >50.1 mg/kg, rabbit
Loss of appetite
Lethargy
Convulsions
Pathologic changes
Lung effects
Liver effects
Can be absorbed through skin.

SECTION 12: ECOLOGICAL INFORMATION

Aquatic Toxicity

48 h EC50 : Daphnia magna (Water Flea) > 120 mg/l
Information given is based on data obtained from similar product.

Tetramethyl succinonitrile
96 h LC50 : Pimephales promelas (Fathead Minnow) 16.4 mg/l

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal : In accordance with local and national regulations.

SECTION 14: TRANSPORT INFORMATION

Not classified as dangerous in the meaning of transport regulations.

SECTION 15: REGULATORY INFORMATION

TSCA Status : Listed
TSCA Status : This material contains one or more substances, which are subject to a TSCA Section 5 Consent Order or Significant New Use Rule (SNUR). This material contains one or more substances which requires export notification under TSCA Section 12(b) and 40 CFR Part 707 Subpart D:

Fluorinated Acrylic Copolymer

SARA 313 Regulated Chemical(s) : SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

Title III hazard classification : Acute Health Hazard: Yes
Chronic Health Hazard: Yes
Fire: No
Reactivity/Physical hazard: No
Pressure: No

California Prop. 65 : Chemicals known to the State of California to cause cancer, birth defects or any other harm: none known

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SECTION 16: OTHER INFORMATION

	HMIS
Health	1
Flammability	0
Reactivity/Physical hazard	0
PPE	Personal Protection rating to be supplied by user depending on use conditions.

The information provided in this 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 guidance for safe handling, use, processing, storage, transportation, disposal, and release and is not to be considered a warranty or quality specification. The information related 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.