



MATERIAL SAFETY DATA SHEET

1. Chemical Product and Contact Information

Product Name: Fiber Force®
Date of Issue: January 1, 2010 Rev. May 15, 2018
Company Identification: Synca Marketing Inc.
337 Marion, Le Gardeur, Qc. Canada J5Z 4W8
1-800-667-9622

Emergency Information Chemtrec : 1-800-424-9300

2. Composition/Information on Ingredients

Chemical characteristics: E-Glass fibers in Urethane Dymethacrylate (UDMA) resin.

Description: Mixture of E-glass fibers in UDMA resin with photo initiator and pigments.

Fiber Force – Chemical Composition by Percent			
Item	% by weight	CAS number	function
E-glass	50-60%	n/a	Structural reinforcement
Urethane dimethacrylate	30-45%	868-77-9	Resin matrix
TEGDMA	2.0-7.5%	109-16-0	Resin matrix
Colloidal Silica	2.0 – 7.5%	68909-20-6	Resin thickener
Ethyl-4-(dimethylamino)benzoate	< 0.5%	n/a	Resin Photo initiator
Camphorquinone	<0.1%	10373-78-1	Resin Photo initiator
Titanium dioxide	<0.005%	13463-67-7	Resin pigment
Red sicotrans pigment	<0.0025%	1309-37-1	Resin Pigment
Red microlith pigment	<0.0025%	n/a	Resin Pigment
Ultramarine blue pigment	<0.001%	57455-37-5	Resin Pigment

3. Hazard Identification

Those people with known allergies to methacrylate resins should avoid the use of this product.

4. First Aid Measures

General Information: No special measures required
Contact with eyes: Rinse with plenty of water and consult an ophthalmologist.
Contact with skin: Wash with soap and water.
After ingestion: Seek medical attention immediately.

5. Fire Fighting Measures

Extinguishing media: CO₂, water, dry chemical.
Protective equipment: Unknown.



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6. Accidental Release Measures:

<i>Person-related safety precautions:</i>	Keep away from ignition sources.
<i>Measures for environmental protection:</i>	Do not allow to enter sewers/ surface or ground water.
<i>Measures for cleaning/collecting:</i>	Pick up mechanically.
<i>Additional information:</i>	No dangerous substances are released.

7. Handling and Storage:

Store between 12-30°C. Keep away from direct sunlight. It is recommended that individuals with sensitivity to methacrylates handle the material with protective gloves.

8. Exposure Controls:

<i>Respiratory protection:</i>	no special precautions required.
<i>Eye protection:</i>	no special precautions required.
<i>Protective gloves:</i>	It is recommended that individuals with sensitivity to methacrylates handle the material with protective gloves.

9. Physical and Chemical Properties:

<i>Appearance:</i>	Form: solid fibers impregnated in resin
	Color: pink or white in hue
	Odor: none
<i>Melting point/range:</i>	unknown
<i>Boiling point:</i>	unknown
<i>Flash point:</i>	101°C
<i>Ignition temperature:</i>	360°C
<i>Auto-ignition:</i>	product is not self-igniting
<i>Danger of explosion:</i>	product does not present an explosion hazard
<i>Density:</i>	unknown
<i>Solubility in /miscibility in water:</i>	insoluble
<i>Resin content:</i>	less than 45%
<i>Organic solvents:</i>	0.0%
<i>Water:</i>	0.0%

10. Stability and Reactivity:

<i>Stability:</i>	Stable.
<i>Conditions to avoid:</i>	Heat, sparks & open flames.
<i>Incompatibility:</i>	Acids, oxidizing agent, alkalis, amines, ammonia and chlorinated compounds.

11. Toxicological Information:

<i>Carcinogenicity:</i>	None of the components of this material are listed by IARC, NTP, OSHA, or ACIGH as carcinogens.
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<i>Primary irritant effect:</i>	
	<ul style="list-style-type: none">• On the eye: no irritant effect• On the skin: no irritant effect



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12. Ecological Information:

Unknown

13. Disposal Considerations:

Dispose in accordance with Federal, State, Provincial and local regulations.

14. Transport Information:

Not classified as dangerous goods.

15. Regulatory Information:

Unknown

16. Other Information:

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