



FIELD-APPLIED COMPOSITE SYSTEMS LLC
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SAFETY DATA SHEET

Base Primer 1-Part A

SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Base Primer 1-Part A
MFR'S NAME: Field-Applied Composite Systems LLC, 925 North Todd Avenue, Azusa CA 91702
EMERGENCY PHONE: 800.424.9300 (CHEMTREC) **GENERAL INFORMATION:** 626.633.0294
USE OF THE SUBSTANCE: Surface primer used with AquaWrap™ products to improve adhesion of the composite repair for the repair of pipelines or other structures.

SECTION 2: HAZARDS IDENTIFICATION

OSHA/HCS status: No information available.

GHS Label Elements:

Hazard Pictograms:



Signal Word: Warning

Hazard Statements and GHS Classifications: (No classifications are available)

H303 May be harmful if swallowed.
H313 May be harmful in contact with skin.
H320 Causes eye irritation.

Precautionary Statements:

Prevention: P264: Wash hands thoroughly after handling.
 P270: Do not eat, smoke, or drink while using this product.
 P280: Wear protective gloves/clothing, and eye/face protection.

Responses: P302+352: IF ON SKIN: Wash with plenty of soap and water.
 P333+313: If skin irritation or rash occurs, seek medical attention.
 P362+364: Take off contaminated clothing, and wash separately before reuse.
 P305+351+338: IF IN EYES: Rinse cautiously with water. Remove contact lenses, if present, and easy to do.
 P337+313: If eye irritation persists, seek medical attention.
 P301+330+331: IF SWALLOWED: Rinse mouth. Do not induce vomiting unless directed by medical personnel. Seek medical attention if irritation persists.
 P304+340: IF INHALED: Remove person to fresh air, and keep comfortable for breathing.
 P391: Collect spillage.

Storage: P403+P233: Store in a well-ventilated place. Keep containers tightly closed.

Disposal: Material is not considered hazardous. Dispose of according to local, state, and/or federal regulations.

Other Hazards: None known. No Physical or Chemical Hazards classified under GHS.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Substance/Mixture: Mixture.

Ingredient	% by WT	CAS #	67/548/EEC	Regulation (EC) 1272/2008 (CLP)
Vegetable Oil Triglycerides	91%	8001-79-4	No Data Available.	No Data Available.
Chopped Fiberglass	9%	65997-17-3		

Occupational Exposure Limits, if available, are listed in Section 8.

SECTION 4: FIRST AID MEASURES

Description of necessary first aid measures:

General Get medical attention immediately for any person who is having trouble, not breathing, or any unconscious person. Provide oxygen or artificial respiration to a person if they have trouble breathing. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Place an unconscious person in a recovery position, maintain an open airway, and loosen tight clothing.

Inhalation N/A-no adverse health effects expected.

Skin Contact Remove contaminated clothing and shoes. Wash the affected area with plenty of soap and water. Get medical attention if irritation persists. Launder clothing before reuse.

Eye Contact Flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation persists.

Ingestion Wash out mouth with water. Remove dentures, if any. Remove victim to fresh air, and keep at rest in a position comfortable for breathing. If large amounts were ingested, give water to drink, and get medical advice.

Most Important Symptoms/Effects, Acute and Long –Term:

Potential Acute Health Effects:

Inhalation N/A

Skin Contact N/A

Eye Contact N/A

Ingestion May cause discomfort if swallowed.

Overexposure Signs/Symptoms:

Inhalation No specific data.

Skin Contact Adverse symptoms may include the following: Irritation, and/or Redness.

Eye Contact Adverse symptoms may include the following: Irritation, Watering, and/or Redness.

Ingestion No specific data.

Indication of Immediate Medical Attention and/or Special Treatment needed:

Notes to Physician Treat symptomatically.

Specific Treatments No specific treatment(s).

See also Toxicological Information in Section 11.

SECTION 5: FIREFIGHTING MEASURES

Extinguishing Media Dry chemicals, water spray, foam, or carbon dioxide.

Unsuitable Media None known.

Specific Hazards Material is not considered a fire hazard, but will burn if ignited. Treat as an (edible fat) oil fire.

National Fire Protection Association (USA):

Labeling: No data available.

Hazardous Thermal Decomposition Products

Irritating or toxic substances may be emitted upon burning or decomposition. See **Section 10** for additional information.

Special Protective Actions for Firefighters

Promptly isolate the scene by removing all persons from the vicinity of the incident, if there is a fire. No action shall be taken involving any personal risk, or without suitable training. Limit spread of material.

Special Protective Equipment for Firefighters

Firefighters should wear appropriate protective equipment, and self-contained breathing apparatus (SCBA) with a full-face piece operated in a positive pressure mode. See **Section 9** for additional information.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

Keep unauthorized persons away. Provide adequate ventilation, and avoid breathing vapors. Put on appropriate personal protective equipment (see **Section 8**). If spilled in an enclosed area, ventilate area, or use SCBA. Remove potential ignition sources.

Environmental Precautions

Avoid dispersal of material, and runoff, from contact with soil, waterways, drains, and/or sewers.

Methods and Materials for Containment and Cleaning Up (Small or Large Spill)

Stop leak, if possible, without risk. Move containers from spill area. Absorb spilled material with vermiculite, dry sand, or earth. Put into closed containers, store in a safe location, and dispose of via a licensed waste disposal contractor. Do not allow runoff into sewers or water sources

SECTION 7: HANDLING AND STORAGE

Precautions for Safe Handling/Personal Hygiene

Use good laboratory/workplace procedures. Use appropriate personal protective equipment as per **Section 8**. Keep in the original container, or an approved alternative; keep containers tightly closed when not in use.

Keep away from heat, sparks, and open flame. Eating, drinking, and/or smoking should be prohibited where this material is being used. Workers should remove contaminated clothing/protective equipment, and wash hands and face before entering eating areas, and eating, drinking, and/or smoking.

Conditions for Safe Storage, including any Incompatibilities

Keep away from heat, sparks, and open flames. Store in sealed original containers, or approved alternatives, in a dry, well-ventilated area when not in use. Protect containers from direct sunlight. Do not allow to freeze, or exceed 40°C (~110°F). Do not reuse containers.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

Occupational Exposure Limits

Ingredient	CAS#	Exposure Limits (ACGIH-TWA or ACGIH-STEL)
Vegetable Oil Triglycerides	8001-79-4	Not Available
Chopped Fiberglass	65997-17-3	

Appropriate Engineering Controls

Good general ventilation should be sufficient to control worker exposure to any airborne contaminants. If working in enclosed spaces, provide additional local ventilation. Eyewash fountains and safety showers are recommended, as well as good laboratory procedures and care.

Exposure controls

Respiratory Protection

If necessary, a properly-fitted vapor mask/respirator (organic vapor respirator), or SCBA should be used.

Hand Protection

Impervious, chemical-resistant gloves (such as nitrile rubber, PVC, etc. of .35mm thickness or similar) should be worn when handling this material. Contaminated gloves should be disposed of properly.

Body Protection

Chemically resistant long-sleeved shirts and long pants, or lab coats are recommended. Contaminated clothing should be washed separately from other clothes before reuse. Footwear appropriate for the work being performed should be worn, and cleaned carefully, if contaminated, before reuse. Heavily contaminated clothing or footwear should be disposed of properly.

Eye/Face Protection

Safety eyewear and face shields appropriate for the work being performed should be used. Ordinarily, this means a minimum of safety eyewear or splash goggles.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid	Color:	N/A
Odor:	N/A	Odor Threshold:	N/A
pH	N/A	Melting Point:	N/A
Boiling Point:	>240°C (500°F)	Flash Point:	>227°C (~441°F)
Evaporation Rate:	N/A	Vapor Pressure/Density:	N/A
Relative Density	~.95	Viscosity:	N/A
Auto-Ignition Temp.	N/A	Decomposition Temp.	>200°C

Solubility: Negligible.

SECTION 10: STABILITY AND REACTIVITY

Reactivity: Not reactive. Will not undergo hazardous polymerization.

Chemical Stability: This product is stable under normal conditions.

Possibility of Hazardous Reactions: See "Reactivity" above for cautions.

Conditions to Avoid: Excessive heat and ignition sources.

Incompatible Materials: Strong oxidizing agents.

Hazardous Decomposition Products: Thermal decomposition may produce smoke, oxides of carbon, hydrocarbons, and other products of incomplete combustion.

SECTION 11: TOXICOLOGICAL INFORMATION**Acute Toxicity**

Product/Ingredient	LC ₅₀ Inhalation	LD ₅₀ Oral (Rat)	LD ₅₀ Dermal (Rabbit)
Vegetable Oil Triglycerides	N/A	N/A	N/A

Skin Corrosion/Irritation: N/A

Serious Eye Damage/Irritation: N/A

Respiratory or Skin Sensitization: N/A

Mutagenicity: No specific data. **Carcinogenicity:** No specific data.

Reproductive Toxicity: No specific data. **Teratogenicity:** No specific data.

Aspiration Hazard: No specific data.

Specific Target Organ Toxicity (Single and Repeated Exposure): No specific data.

Information on the Likely Routes of Exposure: Eyes, skin, inhalation, and ingestion.

Potential Acute Health Effects and Related Symptoms:

See **Section 4**.

Delayed, immediate and chronic effects from short and long term exposure:

No specific data.

SECTION 12: ECOLOGICAL INFORMATION**Toxicity, Persistence and Degradability:**

Product/Ingredient	LC ₅₀ 96 Hours (Fish)	EC ₅₀ 24 Hours (Daphnia)	IC ₅₀ 96 Hours (Bacteria)	Biodegradability
Vegetable Oil Triglycerides	N/A	N/A	N/A	N/A

Bioaccumulative Potential:

Ingredient	LogP _{ow}	BCF	Potential
Vegetable Oil Triglycerides	N/A	N/A	N/A

Mobility in Soil (soil/water partition coefficient-K_{oc}):

No specific data.

Other Adverse Effects: Other information is not available. No information is available regarding classification of materials as PBT or vPvB.

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose of unused contents (incineration) in accordance with national and local regulations. Dispose of container in accordance with national and local regulations. See **Section 8** for recommendations on the use of personal protective equipment.

SECTION 14: TRANSPORTATION INFORMATION

UN No's: DOT/TG: None IMDG: None ICAO: None

DOT/TDG Proper Shipping Name: None

Hazard Classes: Not regulated for shipment by DOT, IATA, TDG, IMDG or ICAO.

Hazard Labels: DOT: N/A TDG: N/A

Pack Groups: DOT: N/A IMDG: N/A AIR: N/A

Environmental Hazards: Marine Pollutant: No. **Hazardous Substance (USA):** No.

Transporting in Bulk according to Annex II of MARPOL 73/78 and the IBC Code: No specific data.

Surface Shipment within the US: Not regulated.

Label for Conveyance:

None.

SECTION 15: REGULATORY INFORMATION

INTERNATIONAL REGULATIONS:

International and US Inventory Lists

Canada Inventory (DSL)	Not listed.*	EU-ELINCS	Not listed.*
Canada Inventory (NDSL)	Not listed.*	EU-EINECS	Not listed*
US Toxic Substances Control Act (TSCA)	Not listed.*	REACH, Annex XIV and Annex XVII	Not listed*
Other	Not determined, no additional information is available.		

***Note:** There is no listing on the public inventory, no information is available, or the component has not been reviewed.

Substances of Very High Concern: No information is available.

Other Information: Substance is on the "right to know" lists of the following states: NJ, PA. Substance is not on the CA Prop 65 list of chemicals known to cause cancer.

SECTION 16: OTHER INFORMATION

ABBREVIATIONS:

ACGIH: American Conference of Governmental Industrial Hygienists
ADR/RID: European dangerous goods transport, road and rail, regulations
CAS: Chemical Abstract Service Registry
DOT: Department of Transportation (U.S.)
GHS: Globally Harmonized System of Classification and Labeling of Chemicals
IATA: International Air Transport Association
ICAO: International Civil Aviation Organization
IMDG: International Maritime Dangerous Goods code
OEL: Occupational Exposure Limits
OSHA: Occupational Safety and Health Administration (U.S.)
PEL: Permissible Exposure Limit
SDS: Safety Data Sheet
STEL: Short Term Exposure Limit (15 minute Time Weighted Average)
TDG: Canadian Transportation of Dangerous Goods Act and Regulations
TPQ: Threshold Planning Quantity
RQ: Reportable Quantity
UN: United Nations
U.S.: United States
N/A: Not available or not applicable.

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Notice:

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