



Section 1: Identification of the Substance/Mixture and of the Company/Undertaking

Product identifier:

Identification as on the label/Trade name: TRUE COMPOSITES Polyester Resin

Unique Product Codes: 852418008006, 850019564723, 852418008143, 852418008075

ASIN Codes: B077YQTXJQ, B08PZJGQT5, B0785N3588, B078KNKV7Y

Relevant identification uses of the substance and uses advised against:

Identified uses: Marine, Boat, Auto, Vehicle, Hobby, and other Fibre Reinforced Plastic (FRP) repairs and creations.

Uses advised against: No other uses are advised.

Details of the supplier of the Safety Data Sheet:

TRUE COMPOSITES
503 Paul Morris Drive
Englewood
Florida 34223

+1(855) 464-2836

support@truecomposites.com

Emergency telephone numbers:

24-hour Emergency Contact:

CHEMTREC 24-hour: +1-800-424-9300 / +1-703-527-3887

Section 2: Hazards Identification

Classification of the substances or mixture:

The mixture is classified according to: Regulation EC 1272/2008 [EU-GHS/CLP]

Hazard classes/Hazard categories:

Flammable Liquid (Category 3)

Skin Irritant (Category 2)

Eye Irritant (Category 2)

Acute Toxicity (Category 4)

Reproductive Toxicity (Category 2)

STOT RE (Category 1)

Hazard Statement:

H226

H315

H319

H332

H361d

H372

Label elements:

Hazard pictograms:



Signal Word: Danger



Hazard Statements:

H226 Flammable liquid and vapor.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H332 Harmful if inhaled.

H361d Suspected of damaging the unborn child.

H372 Causes damage to organs through prolonged or repeated exposure.

Precautionary Statements:

P201 Obtain special instructions before use.

P202 Do not handle until all safety precautions have been read and understood.

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P242 Use non-sparking tools.

P264 Wash hands thoroughly after handling.

P261 Avoid breathing fumes/vapors.

P270 Do not eat, drink or smoke when using this product.

P271 Use only outdoors or in a well-ventilated area.

P280 Wear eye protection/face protection.

P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P308 + P313 IF exposed or concerned: Get medical advice/attention.

P312 Call a POISON CENTER/doctor if you feel unwell.

P333 + P313 If skin irritation occurs: Get medical advice/attention.

P337 + P313 If eye irritation persists: Get medical advice/attention.

P403 + P235 Store in a well-ventilated place. Keep cool.

P405 Store locked up.

P501 Dispose of contents/container to in accordance with local/regional/national/international regulations.

Section 3: Composition/Information on Ingredients

Substance/Mixture: Mixture.

Ingredients:

Substance name (IUPAC/EC)	CAS-No.	Concentration % by weight	Classification EC1272/2008	
	EC-No.			
Styrene	100-42-5	30-35%	Flam. Liq. 3	H226
			Skin Irrit. 2	H315
			Eye Irrit. 2	H319
			Acute Tox. 4	H332
	202-851-5		STOT RE 1	H372
			Repr. 2	H361d

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.



Section 4: First-Aid Measures

Description of first aid measures:

General advice: Remove contaminated clothing. If danger of loss of consciousness, place patient in recovery position and transport accordingly. Apply artificial respiration if necessary.

If inhaled: Keep patient calm, remove to fresh air, seek medical attention.

On skin contact: Wash thoroughly with soap and water.

On contact with eyes: Immediately wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist.

On ingestion: Keep patient calm, remove to fresh air, seek medical attention.

Most important symptoms and effects, both acute and delayed:

None known.

Indication of any immediate medical attention and special treatment needed: Treat symptomatically.

Section 5: Fire-Fighting Measures

Extinguisher media:

Suitable extinguishing media: Dry extinguishing media, foam, carbon dioxide

Unsuitable extinguishing media for safety reasons: Water.

Special protective equipment: Wear self-contained breathing apparatus and chemical-protective clothing.

Further information: Keep containers cool by spraying with water if exposed to fire.

Section 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures:

Personal precautions: Use breathing apparatus if exposed to vapors/dust/aerosol. Sources of ignition should be kept well clear.

Methods for cleaning up or taking up:

For small amounts: Pick up with suitable absorbent material. Dispose of absorbed material in accordance with regulations.

For large amounts: Dike spillage. Place into suitable container for disposal.

For residues: Pick up with suitable absorbent material. Dispose of absorbed material in accordance with regulations.

Reference to other sections:

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for information on disposal.

Section 7: Handling and Storage

Precautions for safe handling:

Protective measures: Take precautionary measures against static discharges. Keep away from sources of ignition - No smoking. Wear suitable protective clothing and gloves.



Protection against fire and explosion: Vapors may form explosive mixture with air. Take precautionary measures against static discharges. Containers should be earthed during decanting operations. Keep away from sources of ignition - No smoking.

Conditions for safe storage, including incompatibilities:

Unsuitable materials for containers: Brass, copper.

Further information on storage conditions: Keep at temperature not exceeding 40°C

Storage temperature: < 40°C

Section 8: Exposure Controls and Personal Protection

Control parameters:

Occupational exposure limits:

Component	CAS Number	Exposure Limits	Source
Styrene Monomer	100-42-5	20ppm TLV-TWA	ACGIH
		50ppm 8hr PEL	OSHA

Exposure control:

Appropriate engineering controls: Provide mechanical ventilation or direct exhaust to the external media. It is recommended safety shower and eye bath available near working area. The engineering controls measures are the most effective to reduce exposure to the product.

Individual protection measures, such as personal protective equipment:

Eye/face protection: Wear safety glasses with side shields and a face-shield or goggles and a face-shield. Facilities storing or utilizing this material should be equipped with an eyewash station and safety shower.

Respiratory protection: A NIOSH/MSHA approved air purifying respirator with organic vapor cartridge or canister may be necessary under certain circumstances where airborne concentrations are expected to exceed exposure limits. A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use. Protection provided by air purifying respirators is limited. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or during other circumstances where air purifying respirators may not provide adequate protection.

Environmental exposure controls: Do not dump directly into the environment or into the sewer system. The dilution water from tire fighting can cause pollution.

Section 9: Physical and Chemical Properties

Information on basic physical and chemical properties

Appearance (form): Liquid.

Color: Yellow / Pink

Odor: Styrene.

Odor threshold: No data available.

pH (concentration): No data available.

Melting point/range (°C): No data available.

Boiling point/range (°C): 145°C

Flash point (°C): 31°C

Evaporation rate: No data available.

Flammability (solid, gas): Non-flammable.



Upper/lower flammability/explosive limits: Upper: 8.8% Lower: 88%

Vapor pressure: 6mm Hg

Vapor density: 4.5mm Hg

Relative density (20 °C): 1.05 – 1.3

Water solubility (g/L) at 20 °C: Insoluble.

n-Octanol/Water partition coefficient: No data available.

Auto-ignition temperature: 490°C

Decomposition temperature: No data available.

Viscosity, dynamic (mPa s): No data available.

Section 10: Stability and Reactivity

Reactivity: No specific test data related to reactivity available for this product or its ingredients.

Chemical stability: Stable under recommended conditions of storage.

Hazardous polymerization: May polymerize violently with risk of fire and explosion. Uninhibited styrene, or styrene with low inhibitor concentration, polymerizes slowly at room temperature and on exposure to light and air, and readily at elevated temperatures, greater than 149°F (65°C). Polymerization becomes self-sustaining above 203°F (95°C). Metal salts (e.g. ferric or aluminum chloride), peroxides, oxidizers and strong acids may also cause polymerization.

Conditions to avoid: Elevated temperatures, heat, sparks, open flame and other ignition sources.

Incompatible materials: Oxygen, oxidizing agents-Increased risk of fire and explosion. Can form explosive peroxides. Strong acids (e.g. sulfuric acid, oleum, chlorosulfonic acid) – Increased temperature and pressure; increased risk of fire and explosion. Alkali metal, graphite compounds, metallic halide salts, peroxides (dibenzoyl peroxide di-tertbutyl peroxide), azoisobutyronitrile-Can initiate polymerization. Byllithium- Explosion can occur. Halogens-Can react with low concentrations of halogens, in the presence of UV light, to form a strong irritant. Can form peroxides in the presence of light and air or on contact with acids. Styrene monomer has been involved in several plant-scale explosions when stored inappropriately or accidentally heated.

Hazardous decomposition products: Styrene Oxide.

Section 11: Toxicological Information

Information on toxicological effects:

Acute toxicity: Harmful if inhaled.

Skin corrosion/irritation: Causes skin irritation.

Serious eye damage/irritation: Causes serious eye irritation.

Respiratory or skin sensitization: No data available

Germ cell mutagenicity: No data available.

Carcinogenicity: No data available.

Reproductive toxicity: Suspected of damaging the unborn child.

STOT-single exposure: No data available.

STOT-repeated exposure: Causes damage to organs through prolonged or repeated exposure.

Aspiration hazard: No data available.

Section 12: Ecological Information

Toxicity: No data available.

Persistence and degradability: This material contains components that show little or no evidence of biodegradability. Great caution should be taken to prevent release to the environment.

Bioaccumulative potential: No data available.

Mobility in soil: No data available.

Results of PBT& vPvB assessment: No data available.

Other adverse effects: No data available.

Section 13: Disposal Considerations

Waste treatment methods: Preferred method of disposal: Includes incineration under controlled conditions in accordance with all local and national laws and regulations. The generation of waste should be avoided or minimized wherever possible. Untreated material is not suitable for disposal. Waste, even small quantities, should never be poured down drains, sewers or water courses. Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Product/packaging disposal: Empty containers can only be disposed of when the remaining product adhering to the container walls has been removed. Hazard warning labels should be removed from the container walls.

Section 14: Transport Information

UN number: 1866

UN proper shipping name: RESIN SOLUTION, flammable.

Transport hazard class: Class 3

Hazard label:



Packing group: III

DOT Special Provisions: B1, B52, IB3, T2, TP1

DOT Packaging Exceptions: 150

DOT Packaging Non-Bulk: 173

DOT Packaging Bulk: 242

Section 15: Regulatory Information

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

Relevant information regarding restrictions: None known.

EU regulations: Regulation EC 1272/2008 [EU-GHS/CLP]

Occupational Safety and Health Act (OSHA): This material is classified as a hazardous chemical under the criteria of the US Occupational Safety and Health Administration (OSHA) Hazard Communication Standard, 29 CFR 1910.1200.

SARA Title III Section 302/304 Extremely Hazardous Substance: Styrene CAS 100-42-5

SARA Title III Section 311/312 Hazard Categorization: Acute Health Hazard, Chronic Health Hazard, Flammability Hazard.

SARA Title III Section 313 Supplier Information: Styrene CAS 100-42-5



CERCLA Section 102(a) Hazardous Substance: Styrene CAS 100-42-5, RQ 1000 pounds.

California Proposition 65: Styrene CAS 100-42-5, April 22 2016

Chemical Safety Assessment carried out: No.

Section 16: Other Information

Indication of changes: GHS aligned.

Relevant classification and H statements (number and full text):

H226 Flammable liquid and vapor.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H332 Harmful if inhaled.

H361d Suspected of damaging the unborn child.

H372 Causes damage to organs through prolonged or repeated exposure.

Training instructions: Use as instructed.

Further information: This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.

Notice to readers: Employers should use this information only as a supplement to other information gathered by them, and should make independent judgment of suitability of this information to ensure proper use and protect the health and safety of employees.

This information is furnished without warranty, and any use of the product not in conformance with this Safety Data Sheet, or in combination with any other product or process, is the responsibility of the user.



Section 1: Identification of the Substance/Mixture and of the Company/Undertaking

Product identifier:

Identification as on the label/Trade name: MEKP

Unique Product Codes: 852418008006, 850019564723, 852418008143, 852418008075

ASIN Codes: B077YQTXJQ, B08PZJGQT5, B0785N3588, B078KNKV7Y

Relevant identification uses of the substance and uses advised against:

Identified uses: 2 OZ Hardener

Uses advised against: No other uses are advised.

Details of the supplier of the Safety Data Sheet:

TRUE COMPOSITES

503 Paul Morris Drive

Englewood, FL 34223

+1-(855)-464-2836

support@truecomposites.com

Emergency telephone numbers:

24-hour Emergency Contact:

CHEMTREC 24-hour: +1-(800)-424-9300 / +1-703-527-3887

Section 2: Hazards Identification

Classification of the substances or mixture:

The mixture is classified according to: Regulation EC 1272/2008 [EU-GHS/CLP]

Physical hazards: Organic Peroxide Type D

Hazard classes/Hazard categories:

Skin Corrosive (Category 1B)

Acute Toxicity, Oral (Category 4)

Environmental hazards: Not classified.

OSHA defined hazards: Not classified.

Label elements:

Hazard pictograms:



Signal Word: Danger.

Hazard Statements:

H242 Heating may cause a fire.

H302 Harmful if swallowed.

H314 Causes severe skin burns and eye damage.

**Precautionary Statements:****Prevention:**

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P234 Keep only in original packaging.

P260 Do not breathe dusts or mists.

P264 Wash ... thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

Response:

P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.

P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTER/doctor.

P330 Rinse mouth.

P363 Wash contaminated clothing before reuse.

Storage:

P405 Store locked up.

P411 + P235 Store at temperatures not exceeding 5-30°C. Keep cool.

Disposal:

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Section 3: Composition/Information on Ingredients

Substance/Mixture: Mixture.

Ingredients:

Substance name (IUPAC/EC)	CAS-No.	Concentration % by weight	Classification EC1272/2008	
	EC-No.			
Dimethyl phthalate	131-11-3	55-70%	Not Classified	
	205-011-6			
butane-2,2-diyl dihydroperoxide and dioxidybutane-2,2-diyl dihydroperoxide	1338-23-4	25-40%	Org. Perox. D	H242
	700-954-4		Acute Tox. 4	H302
			Skin Corr. 1B	H314
			Eye Dam. 1	H318
			Acute Tox. 4	H332
butanone ethyl methyl ketone	78-93-3	1-5%	Flam. Liq. 2	H225
	201-159-0		Eye Irrit. 2	H319
			STOT SE 3	H336

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.



Section 4: First-Aid Measures

Description of first aid measures:

General advice: Take off all contaminated clothing immediately. Never give anything by mouth to an unconscious person. Remove from exposure, lie down. In case of accident, or if you feel unwell, seek medical advice immediately (show the label where possible).

Inhalation: Remove to fresh air. Call a physician immediately.

Skin contact: Wash off immediately with soap and plenty of water.

Eye contact: In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Ingestion: Clean mouth with water and drink afterwards plenty of water. If a person vomits when lying on his back, place him in the recovery position. Do NOT induce vomiting. If swallowed, seek medical advice immediately and show this container or label.

Most important symptoms and effects, both acute and delayed:

Inhalation: A single exposure may cause the following adverse effects; corrosive to the respiratory tract. Symptoms following overexposure may include the following: Severe irritation of nose and throat.

Ingestion: May cause chemical burns in mouth, esophagus and stomach. Symptoms following overexposure may include the following: Severe stomach pain, nausea, vomiting.

Skin contact: Causes severe burns. Symptoms following overexposure may include the following: Pain. Profuse watering of the eyes, redness.

Indication of any immediate medical attention and special treatment needed: Provide general supportive measures and treat symptomatically.

Section 5: Fire-Fighting Measures

Extinguisher media:

Suitable extinguishing media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Extinguishing media which shall not be used for safety reasons: High volume water jet.

Specific hazards during firefighting: Cool closed containers exposed to fire with water spray. Do not allow run-off from firefighting to enter drains or water courses.

Special protective equipment for fire-fighters: Use personal protective equipment.

Further information: Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

Section 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures:

Personal precautions: Wear respiratory protection. Wear personal protective equipment.

Environmental precautions: Avoid subsoil penetration. Do not allow material to contaminate ground water system. Do not contaminate water. If the product contaminates rivers and lakes or drains inform respective authorities. Do not let product enter drains.

Methods for cleaning up: Remove mechanically and with care (e.g. with clean polyethylene plastic shovel). Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations.

Additional advice: Never add other substances or waste material to product residue. Move product residue to a safe place and dispose of properly.



Section 7: Handling and Storage

Precautions for safe handling:

Advice on safe handling: Advice on safe handling: For personal protection see section "Exposure controls/personal protection".

Conditions for safe storage, including incompatibilities:

Electrical installations/working materials must comply with the technological safety standards. Containers which are opened must be carefully resealed and kept upright to prevent leakage. keep container tightly closed. No smoking.

Further information on storage conditions: Avoid impurities (e.g. rust, dust, ash), risk of decomposition.

Advice on common storage: Store apart from other dangerous and incompatible substances.

Storage temperature: < 30°C

Remarks: Storing temperature for reasons of quality liquid up to -25°C.

Section 8: Exposure Controls and Personal Protection

Control parameters:

Occupational exposure limits:

Component	Type	Value
Butanone	LTEL	0.005 ppm 0.051mg/m ³
	STEL	300ppm 900 mg/m ³

Biological limit values: No biological exposure limits noted for the ingredient(s).

Appropriate engineering controls: General advice: Provide adequate ventilation.

Individual protection measures, such as personal protective equipment:

Respiratory protection: Short duration filter until: Filter A

Hand protection: Skin should be washed after contact.

Glove thickness: 0.5 mm

Break through time: >= 8 h

Material: butyl-rubber

Eye protection: Tightly fitting safety goggles; Face protection.

Skin and body protection: Protective suit; Remove and wash contaminated clothing before re-use.

Hygiene measures: Wash hands before breaks and immediately after handling the product. keep away from food, drink and animal feeding stuffs.

Section 9: Physical and Chemical Properties

Information on basic physical and chemical properties

Physical state: Liquid.

Form: Liquid.

Color: Colorless.

Odor: Characteristic.

Odor threshold: No data available.

pH: No data available.

Melting point/freezing point (°C): No data available.

Boiling point and boiling range (°C): No data available.



Flash point (°C): 76°C

Evaporation rate: No data available.

Flammability (solid, gas): No data available.

Upper/lower flammability/explosive limits: No data available.

Vapor pressure: No data available.

Vapor density: No data available.

Relative density (20 °C): 1.18

Water solubility: Slight.

n-Octanol/Water partition coefficient: No data available.

Auto-ignition temperature: No data available.

Decomposition temperature: No data available.

Viscosity: 24 mPa s

Viscosity temperature: No data available.

Section 10: Stability and Reactivity

Reactivity: No specific test data related to reactivity available for this product or its ingredients.

Chemical stability: Stable under recommended conditions of storage.

Conditions to avoid: Keep away from heat and sources of ignition.

Materials to avoid: Accelerators, strong acids and bases, heavy metal salts, reduction mediums. Avoid impurities (e.g. rust, dust, ash), risk of decomposition.

Hazardous decomposition products: Irritant, caustic, flammable, noxious/toxic gases and vapors can develop in the case of fire and decomposition.

Thermal decomposition: ca. 60 °C; Method: SADT (UN test H.4); SADT possible at temperatures above approximately 60 °C.

Hazardous reactions: General information: vapors may form explosive mixture with air. Stability: Stable under recommended storage conditions.

Section 11: Toxicological Information

Information on toxicological effects:

Acute toxicity: Harmful if swallowed.

Skin corrosion/irritation: Causes severe skin burns and eye damage.

Serious eye damage/irritation: Causes serious eye damage.

Respiratory or skin sensitization: Due to partial or complete lack of data the classification is not possible.

Germ cell mutagenicity: Due to partial or complete lack of data the classification is not possible.

Carcinogenicity: Due to partial or complete lack of data the classification is not possible.

Reproductive toxicity: Due to partial or complete lack of data the classification is not possible.

STOT-single exposure: Due to partial or complete lack of data the classification is not possible.

STOT-repeated exposure: Due to partial or complete lack of data the classification is not possible.

Aspiration hazard: Due to partial or complete lack of data the classification is not possible.



Section 12: Ecological Information

Ecotoxicity: No data available.

Persistence and degradability: No data is available on the degradability of any ingredients in the mixture.

Bioaccumulative potential: No data available.

Mobility in soil: No data available.

Other adverse effects: No data available.

Section 13: Disposal Considerations

Product: Dispose of in conjunction with appropriate waste disposal authorities and in accordance with disposal regulations.

Remarks: Dispose of as unused product.

Section 14: Transport Information

DOT

UN number: UN3105

UN proper shipping name: ORGANIC PEROXIDE TYPE D, liquid

Transport hazard class(es):

Class 5.2

Subsidiary risk -

Label(s) 5.2

Packing group: Not applicable

Special precautions for user: Read safety instructions, SDS and emergency procedures before handling.

Special provisions: 122, 274, 323

IATA

UN number: UN3105

UN proper shipping name: ORGANIC PEROXIDE TYPE D, liquid

Transport hazard class(es):

Class 5.2

Subsidiary risk -

Label(s) 5.2

Packing group: Not applicable

Environmental hazards: Marine pollutant - No

Special precautions for user: Read safety instructions, SDS and emergency procedures before handling.

IMDG

UN number: UN3105

UN proper shipping name: ORGANIC PEROXIDE TYPE D, liquid

Transport hazard class(es):

Class 5.2

Subsidiary risk -

Label(s) 5.2

Packing group: Not applicable

Environmental hazards: Marine pollutant - No



EmS: F-J, S-R

Special precautions for user: Read safety instructions, SDS and emergency procedures before handling.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: Not applicable.



Section 15: Regulatory Information

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

Toxic Substances Control Act (TSCA): All components are TSCA listed.

CERCLA Hazardous Substance List (40 CFR 302.4):

Dimethyl phthalate, CAS 131-11-3 RQ 5,000 pounds

butane-2,2-diyl dihydroperoxide and dioxydibutane-2,2-diyl dihydroperoxide, CAS 1338-23-4 RQ 10 pounds

butanone, ethyl methyl ketone CAS 78-93-3 RQ 5,000 pounds

SARA 304 Emergency release notification: Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053): Not listed.

SARA 302 Extremely hazardous substance: Not listed.

SARA 311/312 Hazardous chemical: Yes.

Classified hazard categories: Skin corrosion or irritation, Serious eye damage or eye irritation, Acute Toxicity.

Other federal regulations:

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List: Not regulated.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130): Not regulated.

Safe Drinking Water Act (SDWA): Not regulated.

US state regulations:

California Proposition 65: California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins. For more information go to www.P65Warnings.ca.gov

Section 16: Other Information

Indication of changes: GHS aligned.

Relevant classification and H statements (number and full text):

H225 Highly flammable liquid and vapor.

H242 Heating may cause a fire.

H302 Harmful if swallowed.

H314 Causes severe skin burns and eye damage.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H332 Harmful if inhaled.

H336 May cause drowsiness or dizziness.

Training instructions: Use as instructed.

Further information: This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.



Safety Data Sheet for MEKP

According to ISO 11014:2009

First Print Date: 16-Feb-2021

Revision Date: 16-Feb-2021

Version: 0

Notice to readers: Employers should use this information only as a supplement to other information gathered by them, and should make independent judgment of suitability of this information to ensure proper use and protect the health and safety of employees.

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Section 1: Identification of the Substance/Mixture and of the Company/Undertaking

Product identifier:

Identification as on the label/Trade name: TRUE COMPOSITES Fiberglass Resin Polyester Resin Marine Grade Resin 1 Gallon with MEKP Hardener Polymer Resin Polyester Fiberglass Resin Fiberglass Repair Kit Laminating Resin for Resin Mat Boat Auto

Unique Product Codes: 852418008006, 850019564723, 852418008143, 852418008075

ASIN Codes: B077YQTXJQ, B08PZJGQT5, B0785N3588, B078KNKV7Y

Relevant identification uses of the substance and uses advised against:

Identified uses: Marine, Boat, Auto, Vehicle, Hobby, and other Fibre Reinforced Plastic (FRP) repairs and creations.

Uses advised against: No other uses are advised.

Details of the supplier of the Safety Data Sheet:

TRUE COMPOSITES
503 Paul Morris Drive
Englewood
Florida 34223

+1(855) 464-2836
support@truecomposites.com

Emergency telephone numbers:

24-hour Emergency Contact:
CHEMTREC 24-hour: +1-800-424-9300 / +1-703-527-3887

Section 2: Hazards Identification

Classification of the substances or mixture:

The mixture is classified according to: Regulation EC 1272/2008 [EU-GHS/CLP]

Hazard classes/Hazard categories:

Flammable Liquid (Category 3)
Skin Irritant (Category 2)
Eye Irritant (Category 2)
Acute Toxicity (Category 4)
Reproductive Toxicity (Category 2)
STOT RE (Category 1)

Hazard Statement:

H226
H315
H319
H332
H361d
H372

Label elements:

Hazard pictograms:



Signal Word: Danger



Hazard Statements:

H226 Flammable liquid and vapor.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H332 Harmful if inhaled.

H361d Suspected of damaging the unborn child.

H372 Causes damage to organs through prolonged or repeated exposure.

Precautionary Statements:

P201 Obtain special instructions before use.

P202 Do not handle until all safety precautions have been read and understood.

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P242 Use non-sparking tools.

P264 Wash hands thoroughly after handling.

P261 Avoid breathing fumes/vapors.

P270 Do not eat, drink or smoke when using this product.

P271 Use only outdoors or in a well-ventilated area.

P280 Wear eye protection/face protection.

P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P308 + P313 IF exposed or concerned: Get medical advice/attention.

P312 Call a POISON CENTER/doctor if you feel unwell.

P333 + P313 If skin irritation occurs: Get medical advice/attention.

P337 + P313 If eye irritation persists: Get medical advice/attention.

P403 + P235 Store in a well-ventilated place. Keep cool.

P405 Store locked up.

P501 Dispose of contents/container to in accordance with local/regional/national/international regulations.

Section 3: Composition/Information on Ingredients

Substance/Mixture: Mixture.

Ingredients:

Substance name (IUPAC/EC)	CAS-No.	Concentration % by weight	Classification EC1272/2008	
	EC-No.			
Styrene	100-42-5	30-35%	Flam. Liq. 3	H226
			Skin Irrit. 2	H315
			Eye Irrit. 2	H319
			Acute Tox. 4	H332
	202-851-5		STOT RE 1	H372
			Repr. 2	H361d

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.



Section 4: First-Aid Measures

Description of first aid measures:

General advice: Remove contaminated clothing. If danger of loss of consciousness, place patient in recovery position and transport accordingly. Apply artificial respiration if necessary.

If inhaled: Keep patient calm, remove to fresh air, seek medical attention.

On skin contact: Wash thoroughly with soap and water.

On contact with eyes: Immediately wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist.

On ingestion: Keep patient calm, remove to fresh air, seek medical attention.

Most important symptoms and effects, both acute and delayed:

None known.

Indication of any immediate medical attention and special treatment needed: Treat symptomatically.

Section 5: Fire-Fighting Measures

Extinguisher media:

Suitable extinguishing media: Dry extinguishing media, foam, carbon dioxide

Unsuitable extinguishing media for safety reasons: Water.

Special protective equipment: Wear self-contained breathing apparatus and chemical-protective clothing.

Further information: Keep containers cool by spraying with water if exposed to fire.

Section 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures:

Personal precautions: Use breathing apparatus if exposed to vapors/dust/aerosol. Sources of ignition should be kept well clear.

Methods for cleaning up or taking up:

For small amounts: Pick up with suitable absorbent material. Dispose of absorbed material in accordance with regulations.

For large amounts: Dike spillage. Place into suitable container for disposal.

For residues: Pick up with suitable absorbent material. Dispose of absorbed material in accordance with regulations.

Reference to other sections:

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for information on disposal.

Section 7: Handling and Storage

Precautions for safe handling:

Protective measures: Take precautionary measures against static discharges. Keep away from sources of ignition - No smoking. Wear suitable protective clothing and gloves.



Protection against fire and explosion: Vapors may form explosive mixture with air. Take precautionary measures against static discharges. Containers should be earthed during decanting operations. Keep away from sources of ignition - No smoking.

Conditions for safe storage, including incompatibilities:

Unsuitable materials for containers: Brass, copper.

Further information on storage conditions: Keep at temperature not exceeding 40°C

Storage temperature: < 40°C

Section 8: Exposure Controls and Personal Protection

Control parameters:

Occupational exposure limits:

Component	CAS Number	Exposure Limits	Source
Styrene Monomer	100-42-5	20ppm TLV-TWA	ACGIH
		50ppm 8hr PEL	OSHA

Exposure control:

Appropriate engineering controls: Provide mechanical ventilation or direct exhaust to the external media. It is recommended safety shower and eye bath available near working area. The engineering controls measures are the most effective to reduce exposure to the product.

Individual protection measures, such as personal protective equipment:

Eye/face protection: Wear safety glasses with side shields and a face-shield or goggles and a face-shield. Facilities storing or utilizing this material should be equipped with an eyewash station and safety shower.

Respiratory protection: A NIOSH/MSHA approved air purifying respirator with organic vapor cartridge or canister may be necessary under certain circumstances where airborne concentrations are expected to exceed exposure limits. A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use. Protection provided by air purifying respirators is limited. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or during other circumstances where air purifying respirators may not provide adequate protection.

Environmental exposure controls: Do not dump directly into the environment or into the sewer system. The dilution water from tire fighting can cause pollution.

Section 9: Physical and Chemical Properties

Information on basic physical and chemical properties

Appearance (form): Liquid.

Color: Yellow / Pink

Odor: Styrene.

Odor threshold: No data available.

pH (concentration): No data available.

Melting point/range (°C): No data available.

Boiling point/range (°C): 145°C

Flash point (°C): 31°C

Evaporation rate: No data available.

Flammability (solid, gas): Non-flammable.



Upper/lower flammability/explosive limits: Upper: 8.8% Lower: 88%

Vapor pressure: 6mm Hg

Vapor density: 4.5mm Hg

Relative density (20 °C): 1.05 – 1.3

Water solubility (g/L) at 20 °C: Insoluble.

n-Octanol/Water partition coefficient: No data available.

Auto-ignition temperature: 490°C

Decomposition temperature: No data available.

Viscosity, dynamic (mPa s): No data available.

Section 10: Stability and Reactivity

Reactivity: No specific test data related to reactivity available for this product or its ingredients.

Chemical stability: Stable under recommended conditions of storage.

Hazardous polymerization: May polymerize violently with risk of fire and explosion. Uninhibited styrene, or styrene with low inhibitor concentration, polymerizes slowly at room temperature and on exposure to light and air, and readily at elevated temperatures, greater than 149°F (65°C). Polymerization becomes self-sustaining above 203°F (95°C). Metal salts (e.g. ferric or aluminum chloride), peroxides, oxidizers and strong acids may also cause polymerization.

Conditions to avoid: Elevated temperatures, heat, sparks, open flame and other ignition sources.

Incompatible materials: Oxygen, oxidizing agents-Increased risk of fire and explosion. Can form explosive peroxides. Strong acids (e.g. sulfuric acid, oleum, chlorosulfonic acid) – Increased temperature and pressure; increased risk of fire and explosion. Alkali metal, graphite compounds, metallic halide salts, peroxides (dibenzoyl peroxide di-tertbutyl peroxide), azoisobutyronitrile-Can initiate polymerization. Byllithium- Explosion can occur. Halogens-Can react with low concentrations of halogens, in the presence of UV light, to form a strong irritant. Can form peroxides in the presence of light and air or on contact with acids. Styrene monomer has been involved in several plant-scale explosions when stored inappropriately or accidentally heated.

Hazardous decomposition products: Styrene Oxide.

Section 11: Toxicological Information

Information on toxicological effects:

Acute toxicity: Harmful if inhaled.

Skin corrosion/irritation: Causes skin irritation.

Serious eye damage/irritation: Causes serious eye irritation.

Respiratory or skin sensitization: No data available

Germ cell mutagenicity: No data available.

Carcinogenicity: No data available.

Reproductive toxicity: Suspected of damaging the unborn child.

STOT-single exposure: No data available.

STOT-repeated exposure: Causes damage to organs through prolonged or repeated exposure.

Aspiration hazard: No data available.

Section 12: Ecological Information

Toxicity: No data available.

Persistence and degradability: This material contains components that show little or no evidence of biodegradability. Great caution should be taken to prevent release to the environment.

Bioaccumulative potential: No data available.

Mobility in soil: No data available.

Results of PBT& vPvB assessment: No data available.

Other adverse effects: No data available.

Section 13: Disposal Considerations

Waste treatment methods: Preferred method of disposal: Includes incineration under controlled conditions in accordance with all local and national laws and regulations. The generation of waste should be avoided or minimized wherever possible. Untreated material is not suitable for disposal. Waste, even small quantities, should never be poured down drains, sewers or water courses. Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Product/packaging disposal: Empty containers can only be disposed of when the remaining product adhering to the container walls has been removed. Hazard warning labels should be removed from the container walls.

Section 14: Transport Information

UN number: 1866

UN proper shipping name: RESIN SOLUTION, flammable.

Transport hazard class: Class 3

Hazard label:



Packing group: III

DOT Special Provisions: B1, B52, IB3, T2, TP1

DOT Packaging Exceptions: 150

DOT Packaging Non-Bulk: 173

DOT Packaging Bulk: 242

Section 15: Regulatory Information

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

Relevant information regarding restrictions: None known.

EU regulations: Regulation EC 1272/2008 [EU-GHS/CLP]

Occupational Safety and Health Act (OSHA): This material is classified as a hazardous chemical under the criteria of the US Occupational Safety and Health Administration (OSHA) Hazard Communication Standard, 29 CFR 1910.1200.

SARA Title III Section 302/304 Extremely Hazardous Substance: Styrene CAS 100-42-5

SARA Title III Section 311/312 Hazard Categorization: Acute Health Hazard, Chronic Health Hazard, Flammability Hazard.

SARA Title III Section 313 Supplier Information: Styrene CAS 100-42-5



CERCLA Section 102(a) Hazardous Substance: Styrene CAS 100-42-5, RQ 1000 pounds.

California Proposition 65: Styrene CAS 100-42-5, April 22 2016

Chemical Safety Assessment carried out: No.

Section 16: Other Information

Indication of changes: GHS aligned.

Relevant classification and H statements (number and full text):

H226 Flammable liquid and vapor.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H332 Harmful if inhaled.

H361d Suspected of damaging the unborn child.

H372 Causes damage to organs through prolonged or repeated exposure.

Training instructions: Use as instructed.

Further information: This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.

Notice to readers: Employers should use this information only as a supplement to other information gathered by them, and should make independent judgment of suitability of this information to ensure proper use and protect the health and safety of employees.

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