

SAFETY DATA SHEET



Date issued : 04/24/2025

SDS number : MM Gelcoat White No Wax for Kit

MM Gelcoat White No Wax for Kit

1. Identification

Product code: 157013A, 157014A**Product identifier:** MM Gelcoat White No Wax for Kit**Product description:** Unsaturated Polyester based Gelcoat**Manufacturer / Supplier**

Merritt Marine Supply

2621 NE 4 th Ave.

Pompano Beach, Florida 33604

Emergency contact: Chemtrec**Emergency Phone:** (800) 424-9300**Customer Service:** (954) 946-5350**E-Mail:** Sales@MerrittSupply.com**Web:** MerrittSupply.com**Emergency contact:** International**Emergency Phone:** (703) 527-3887

2. Hazard identification

Classification of the substance or mixture**Health hazards:**

Serious eye damage/eye irritation, Category 2A

Skin Irritation/Corrosion, Category 2

Reproductive Toxicity, Category 2

STOT SE, Category 3

STOT RE, Category 1

Acute Toxicity (Inhalation), Category 4

Physical hazards:

Flammable Liquids, Category 3

Label elements

Flammable Liquid and Vapor



Flame

Health
hazardExclamation
mark**Signal word:** DANGER**Hazard statement(s)**

H226: Flammable liquid and vapour.

H319: Causes serious eye irritation.

H332: Harmful if inhaled.

H315: Causes skin irritation.

H335: May cause respiratory irritation.

H351: Suspected of causing cancer.

Precautionary statement(s)**Prevention:**

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

P270: Do not eat, drink or smoke when using this product.
 P280: Wear protective gloves/protective clothing/eye protection/face protection.
 P271: Use only outdoors or in a well-ventilated area.
 P261: Avoid breathing dust/fume/gas/mist/vapours/spray.
 P264: Wash ... thoroughly after handling.
 P233: Keep container tightly closed.
 P243: Take action to prevent static discharges.

Response:

P370+P378: In case of fire: Use Dry Chemical, CO2, Water spray (fog), or Foam to extinguish.
 P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P337+P313: If eye irritation persists: Get medical advice/attention.
 P301+P331+P312: IF SWALLOWED: Do NOT induce vomiting. Call a POISON CENTER/doctor/...if you feel unwell.
 P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.
 P302+P352: IF ON SKIN: Wash with plenty of water/...
 P332+P313: If skin irritation occurs: Get medical advice/attention.

Storage:

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

Disposal:

P501: Dispose of contents/container to a RCRA approved Treatment Storage Disposal Facility.

Emergency overview

Physical appearance: Viscous brightly colored syrup

Immediate concerns: Flammable Liquid and Vapor. Can cause eye and skin irritation. May cause respiratory tract irritation. Material contains suspected carcinogens. Avoid contact and exposure whenever possible.

3. Composition/information on ingredients

Chemical name	% w/w	CAS No.
Polyester Resin (Trade Secret)	35 - 45	T/S
Styrene	33 - 45	100-42-5
Titanium Dioxide	8 - 12	13463-67-7
Non Hazardous mineral fillers, pigments, and additives	12 - 14	T/S

Comments: The exact percentage (concentration) of composition has been withheld as a trade secret. If CAS number is Proprietary or T/S, the specific chemical identity and percentage of composition has been withheld as a trade secret.

4. First-aid measures

Eye: Immediately; Flush eyes thoroughly with water for several minutes. Remove contact lenses after the initial 1-2 minutes and continue flushing for several additional minutes. If lasting effects occur, consult a physician or eye care professional. A suitable emergency eyewash facility should be available in work area.

Skin: Immediately flush with plenty of soap and water. Remove and dispose of contaminated clothing. Seek medical attention.

Ingestion: Aspiration hazard. If swallowed, Do not induce vomiting. If vomiting occurs, keep head below hips to prevent aspiration into lungs. Rinse mouth with water. Never give anything by mouth to an unconscious person. Call a physician immediately.

Inhalation: If inhaled, remove to fresh air and keep person calm. If not breathing give artificial respiration. If breathing is difficult trained personnel can administer oxygen. Immediate medical attention required.

Comments: Notes to Physician: Treat symptomatically.

5. Fire-fighting measures

Flammable class: GHS Flammable Liquid Category 3, DOT Class 3 Flammable liquid,

Suitable extinguishing media: Use dry chemicals, CO2, water spray/fog (not jet), or alcohol resistant foam.

Other considerations: Flammable Liquid and Vapor. The vapors are heavier than air, can spread along the ground accumulate in low areas, and flash back to a source of ignition.

Explosion hazards: Vapours may form explosive mixture with air. Vapors are heavier than air and may spread along floors. Vapor may travel considerable distance to source of ignition and flash back.

Fire fighting procedures: Cool containers with flooding quantities of water until well after fire is out if done with minimal risk. Avoid spreading burning liquid with water used for cooling.

Fire fighting equipment: In confined spaces, Full Bunker gear (helmet with face shield, bunker coats, gloves and rubber boots), including a positive pressure, NIOSH approved, self-contained breathing apparatus (SCBA), may be necessary.

Fire explosion: Closed containers may rupture when exposed to extreme heat.

Sensitivity to static discharge: Yes

Hazardous decomposition products: Combustion may produce carbon monoxide, carbon dioxide and irritating or toxic vapors and gases.

6. Accidental release measures

Small spill: Extinguish all nearby ignition sources. Stop leak if it can be done safely. Prevent from entering waterways and sewers. Absorb with non-combustible material and transfer into appropriate disposal container using non-sparking tools.

Large spill: Eliminate all ignition sources (flares, flames including pilot lights, electrical sparks). Persons not wearing protective equipment should be excluded from area of spill until clean-up has been completed. Stop spill at source. Prevent from entering drains, sewers, streams or other bodies of water. Prevent from spreading. If runoff occurs, notify authorities as required. Collect with non-combustible absorbent material (e.g. sand, earth, diatomaceous earth, vermiculite). Transfer contaminated absorbent, soil and other materials to containers for proper disposal according to all Federal, State, and Local ordinances.

General procedures: Always ensure proper ventilation from any spill. NIOSH respirators or SCBA are required if permissible exposure limits are exceeded due to inadequate general ventilation. Evacuate personnel to a safe area. Special attention should be given to low areas/pits where flammable vapors can accumulate.

7. Handling and storage

Precautions for safe handling: Avoid ignition sources (flame, spark, smoking, etc) in use or handling areas. Use explosion proof electrical equipment. Ground all equipment containing this material. Do not ingest or breathe vapors/fumes. Avoid contact with eyes and skin. Always wear proper PPE when handling. Provide sufficient ventilation. A NIOSH respirator is required if permissible exposure limits are exceeded.

Conditions for safe storage: Store in a cool, dry, well-ventilated area, away from any sources of ignition and incompatible materials. Keep all equipment grounded to avoid static sparking. Keep container closed when not being used.

Storage temperature: For safety to prevent pressure build up, and to maintain the product's proper shelf life store at temperatures below 77 degrees F.

Electrostatic accumulation hazard: Electrostatic ignition is possible, containers should be properly grounded.

Comments: This product is meant to be used with an MEK type Peroxide catalyst which in mass can generate significant heat and become potentially hazardous.

8. Exposure controls/personal protection

Exposure controls

Control parameters				
		Occupational exposure limit values		
Chemical name	Type		ppm	mg/m ³
Styrene	ACGIH	STEL	40 ppm	
		TWA	20 ppm	
	OSHA PEL	STEL	200 ppm	
		TWA	100 ppm	

Appropriate engineering controls: Provide ventilation or other engineering controls to keep the airborne concentrations of vapors or mists below any applicable workplace exposure limits (PEL/TLV). An installed emergency eye wash station or safety showers should be located near the work area.

Individual protection measures, such as personal protective equipment

Eye / face protection: Chemical splash goggles and/or face shield. Always use proper eye protection around the work area.

Skin protection - hand protection: Wear impermeable gloves. Clothing should limit skin exposure. Gloves contaminated with product should be discarded. Promptly remove clothing that becomes soiled with product.

Respiratory protection: Vapor respirator may be required if exposure limits are exceeded. Use a NIOSH approved respirator or equivalent when required. Proper mechanical ventilation should be installed to ensure the exposure levels are below the allowable thresholds (PEL/TLV).

Occupational hygiene practices: Never eat or drink in areas where the chemical is being used. Wash hands after exposure.

Comments: Grinding or further processing of the cured material could lead to the exposure of Titanium dioxide, Talc Fibrous glass and other potentially hazardous dust particulates.

9. Physical and chemical properties

Physical state: Viscous Liquid.

Appearance: Thin Brightly Colored Syrup (see section 1)

Color: Variable (see section 1)

Odor: Styrene Odor.

pH: Not Applicable.

Melting point: No data available.

Freezing point: Not Applicable.

Initial boiling point and boiling range: 100°C (212°F)

Flash point: 31.1°C (88°F) Closed Cup (Styrene)

Evaporation rate (n-butyl acetate = 1): 0.49 (Butyl Acetate = 1)

Lower explosion limit / flammability limit: 1.1% .

Upper explosion limit / flammability limit: 6.1% .

Explosion limit / flammability limit notes: Flammable limits in air % by volume. (Styrene)

Vapor pressure: 4.3 mm Hg @ 20 C.

Relative vapor density: 3.6 (Air =1)

Relative density: 1.1 to 1.25 (Water = 1) at 25°C (77°F)

Solubility: Insoluble.

Auto-ignition temperature: Not Available.

Decomposition temperature: Not Available.

Percent volatiles: Not yet determined.

VOC content: < 45 %

10. Stability and reactivity

Reactivity: Yes

Dangerous polymerization: Under normal conditions of use, hazardous reactions will not occur.

Chemical stability: This product is stable and will not hazardously polymerize.

Conditions to avoid: Avoid contact with incompatible materials and ignition sources or heat.

Possibility of hazardous reactions: Extreme heat can cause rapid, uncontrolled polymerization.

Hazardous decomposition products: May form: carbon dioxide and carbon monoxide, various hydrocarbons.

Incompatible materials: Avoid all unplanned contact with strong reactive chemicals, Acids, Bases, Amines, Epoxides, Peroxides and other Oxidizers.

11. Toxicological information

Skin corrosion / irritation: Causes skin and eye irritation and possible damage..

Serious eye damage / irritation: May cause eye irritation. Corneal injury is unlikely. Vapour may cause eye irritation experienced as mild discomfort and redness.

Respiratory or skin sensitization: May cause sensitization by contact.

Germ cell mutagenicity: Not yet Known

Carcinogenicity

IARC: Group 2B - Possibly carcinogenic for humans.

NTP: Not Classified.

OSHA: Not Classified.

Notes: Both Styrene and Titanium Dioxide are classified 2B Possibly Carcinogenic to humans

Comments: Product has not been tested as a unique formulation, only the individual components have been tested and listed.

12. Ecological information

Ecotoxicological information: DO NOT discharge into sewer or waterways.

Bioaccumulative potential: Biodegradable.

Environmental data: Environmental studies have not been performed for this mixture.

Comments: While the material has no known significant risks or critical hazards, good stewardship of the environment requires care to not release this material into the soil or water.

13. Disposal considerations

Disposal methods: DO NOT DUMP INTO ANY SEWERS, ON THE GROUND, OR INTO ANY BODY OF WATER. All disposal practices must be in compliance with Federal, State/Provincial and local laws and regulations. Regulations may vary in different locations.

Empty container: Empty containers should be taken for local recycling, recovery or waste disposal.

RCRA/EPA waste information: This material and containers that are not empty, if discarded, would be regulated as a hazardous waste under RCRA. Treatment and/or disposal must be completed at a RCRA-permitted Treatment, Storage and Disposal Facility (TSD). The storage and transportation of RCRA hazardous wastes are also regulated by the US-EPA.

14. Transport information

USA Department of Transport Regulations (DOT)

UN proper shipping name: Polyester Resin Kit

Technical name: Polyester Resin, MEK Peroxide

UN number: 3269

Transport hazard class(es): 3

Packing group, if applicable: III

DOT other shipping information: Packing Group not assigned by regulation

ADR / RID - road / rail

UN proper shipping name: Polyester Resin Kit

UN number: 3269

Packing group, if applicable: N/A

Note: Packing Group not assigned by regulation

ICAO / IATA - air

UN proper shipping name: Resin Solution

Technical name: Polyester Resin, MEK Peroxide

Transport hazard class(es): 3

Packing group, if applicable: III

Note: Packing Group not assigned by regulation

IMO / IMDG - International

UN proper shipping name: Polyester Resin Kit

Technical name: Polyester Resin, MEK Peroxide

UN number: 3269

Transport hazard class(es): 3

Packing group, if applicable: N/A

Note: Packing Group not assigned by regulation

Canadian Transport of Dangerous Goods Regulations (TDG)

UN proper shipping name: Polyester Resin Kit

Technical name: Polyester Resin, MEK Peroxide

UN number: 3269

Transport hazard class(es): 3

Packing group, if applicable: N/A

15. Regulatory information

UNITED STATES

SARA Section 311/312 Hazard Categories

311/312 Health hazards: Acute Toxicity (Inhalation), Causes skin and eye irritation and possible damage..

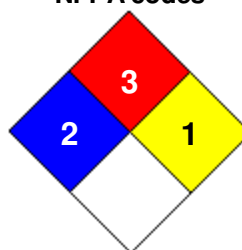
311/312 Physical hazards: Flammable Liquids

313 reportable ingredients: Styrene 100-42-5

Title III notes: Components meeting the requirements are listed.

EPCRA Section 302 Extremely Hazardous Substances**EPCRA Status:** Styrene (CAS # 100-42-5)**Threshold quantity:** 1000 lb.**TSCA (The Toxic Substances Control Act)****TSCA regulatory:** All items are TSCA listed.**Clean air act (hazardous air pollutants):** Styrene 100-42-5**California Proposition 65:** This product contains listed substances known to the State of California to cause cancer, birth defects or other reproductive harm, at levels which would require a warning under the statute.**CANADA****WHMIS Regulatory Status:** B2 Flammable Liquid; D2A Very Toxic Material; D2B Toxic Material; F Dangerous Reactive Material.**General comments:** This product has been classified through the use of Manufacturer's supplied information.**16. Other information****Approved by:** R.D.**Date Prepared:** 04/24/2025**HMIS rating**

Health	*	2
Flammability		3
Physical hazard		1
Personal protection		

NFPA codes**HMIS ratings notes:** The customer is responsible for determining the PPE code for this material.**Manufacturer disclaimer:** This information is compiled from sources believed reliable at the date of issue, is provided in good faith and correct to the best of our knowledge. No warranty, guarantee, or representation is made as to the sufficiency of the information for the safe use of the product nor to relieve the end user of their own Federal, State, and local regulatory compliance requirements.

SAFETY DATA SHEET



Date issued : 04/24/2025

SDS number : MM MEK-Peroxide for Polyester Kits

MM MEK-Peroxide for Polyester Resin Kits

1. Identification

Product code: 157008B, 57009B, 157013B, 157014B**Product identifier:** MM MEK-Peroxide for Polyester Resin Kits**Product description:** Methyl Ethyl Ketone Peroxide**Uses advised against:** This material needs to be used only as intended for the catalyzation of the enclosed Polyester resin product.**Manufacturer / Supplier**

Merritt Marine Supply

2621 NE 4 th Ave.

Pompano Beach, Florida 33604

Emergency contact: Chemtrec**Emergency Phone:** (800) 424-9300**Customer Service:** (954) 946-5350**E-Mail:** Sales@MerrittSupply.com**Web:** MerrittSupply.com**Emergency contact:** International**Emergency Phone:** (703) 527-3887

2. Hazard identification

Classification of the substance or mixture

Organic Peroxides, Type D

Flammable Liquids, Category 4

Health hazards:

Skin Corrosion, Category 1B

Serious Eye Damage, Category 1

Reproductive Toxicity, Category 2

Environmental hazards:

Acute Hazards to the Aquatic Environment, Category 3

Label elements

Corrosion



Flame

Exclamation
markHealth
hazard**Signal word:** DANGER**Hazard statement(s)**

H227: Combustible liquid.

H242: Heating may cause a fire.

H314: Causes severe skin burns and eye damage.

H361: Suspected of damaging fertility or the unborn child.

H401: Toxic to aquatic life.

Precautionary statement(s)**Prevention:**

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

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

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

P234: Keep only in original packaging.
 P261: Avoid breathing fumes, dust, vapors, gases or spray.
 P273: Avoid release to the environment.
 P220: Keep away from clothing and other combustible materials.
 P280: Wear protective gloves/protective clothing/eye protection/face protection.

Response:

P370+P378: In case of fire: Use Dry Chemical, CO₂, Water spray (fog), or Foam to extinguish.
 P370+P378: In case of fire: Evacuate area. Use water fog, foam, dry chemical or carbon dioxide to extinguish
 P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P337+P313: If eye irritation persists: Get medical advice/attention.
 P301+P310: IF SWALLOWED: Immediately call a POISON CENTER/doctor/...
 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 [or shower].
 P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

Storage:

P233+P235: Keep container tightly closed at a cool to ambient temperature.

Disposal:

P501: Dispose of contents/container to a RCRA approved Treatment Storage Disposal Facility.

Emergency overview

Physical appearance: Colorless Liquid

Immediate concerns: Combustible Liquid Oxidizer, Aspiration Hazard. Corrosive. Can cause severe skin and eye damage.
 Ingestion can also burn throat and lead to aspiration hazard.

3. Composition/information on ingredients

Chemical name	% w/w	CAS No.
Methyl Ethyl Ketone Peroxide	32 - 35	1338-23-4
Dimethyl phthalate	< 45	131-11-3
Trimethylpentanediol isobutyrate	15 - 20	6846-50-0
Methyl Ethyl Ketone	< 2	78-93-3
Hydrogen Peroxide	1 - 5	7722-84-1

Comments: The combined ingredients are well known industrially as MEKP Methyl Ethyl Ketone Peroxide UN 3105

4. First-aid measures

Eye: Immediately; Flush eyes thoroughly with water for several minutes. Remove contact lenses after the initial 1-2 minutes and continue flushing for several additional minutes. If lasting effects occur, consult a physician or eye care professional. A suitable emergency eyewash facility should be available in work area.

Skin: Remove material from skin immediately by washing with soap and plenty of water. Remove contaminated clothing and shoes while washing. Seek medical attention if irritation persists. Wash clothing before reuse. Discard items which cannot be decontaminated, including leather articles such as shoes, belts and watchbands.

Ingestion: Aspiration hazard. If swallowed, Do not induce vomiting. If vomiting occurs, keep head below hips to prevent aspiration into lungs. Rinse mouth with water. Never give anything by mouth to an unconscious person. Call a physician immediately.

Inhalation: If inhaled, remove to fresh air and keep person calm. If not breathing give artificial respiration. If breathing is difficult trained personnel can administer oxygen. Immediate medical attention required.

Indication of immediate medical attention and special treatment needed, if necessary: Treat symptomatically. May require supportive therapy as needed. Severe exposure should be followed by at least 48 hour monitoring.

5. Fire-fighting measures

Flammable class: Combustible and reactive liquid. Material may burn slowly at first, and after heating, burn quickly or explode.

Suitable extinguishing media: Use water spray, alcohol-resistant foam, or carbon dioxide.
 (Dry Chemical fire retardants combined with peroxide may reignite fire.)

Other considerations: The heat of decomposition of the peroxides adds to the heat of the fire. Dry chemical fire extinguishing agent may catalyze the decomposition.

Once ignited this product will burn vigorously and with acceleration.

Fire fighting procedures: Evacuate any non-essential personnel. Extinguish all ignition sources if safe to do so. Move container from fire area if this is possible without hazard. Use water to cool exposed containers and structures until fire is out. Avoid spreading burning material with water jet stream used for cooling purposes. However, burning liquids may be moved by flushing with water to protect personnel and minimize property damage. Fight fire from protected location or safe distance. Contain fire water run-off if possible to prevent environmental damage. Review the "Accidental Release Measures" and "Ecological Information" sections of this SDS.

Fire fighting equipment: Full Bunker gear (helmet with face shield, bunker coats, gloves and rubber boots), including a positive pressure, NIOSH approved, self-contained breathing apparatus (SCBA).

Comments: Contact with Incompatible substances particularly finely divided metals and organic materials can cause rapid decomposition below the the listed SADT Decomposition Temperature with the release of significant heat and possible spontaneous combustion.

6. Accidental release measures

Small spill: Extinguish all nearby ignition sources. Stop leak if it can be done safely. Prevent from entering waterways and sewers. Absorb with non-combustible material and transfer into appropriate disposal container using non-sparking tools.

Large spill: Eliminate all ignition sources (flares, flames including pilot lights, electrical sparks). Persons not wearing protective equipment should be excluded from area of spill until clean-up has been completed. Stop spill at source. Prevent from entering drains, sewers, streams or other bodies of water. Prevent from spreading. If runoff occurs, notify authorities as required. Pump, vacuum, or otherwise transfer spilled product to clean containers for recovery. Absorb unrecoverable product. Transfer contaminated absorbent, soil and other materials to containers for proper disposal according to all Federal, State, and Local ordinances.

Environmental precautions

Water spill: Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). Water polluting material. May be harmful to the environment if released in large quantities.

General procedures: Dike spill to prevent runoff from entering drains, sewers, streams, etc. Wet spilled material with water and absorb with an inert absorbent material such as perlite, vermiculite, or sand. Sweep up using non-sparking tools and place in a clean polyethylene drum or a polyethylene pail. Do not place into a steel container, lined or unlined, as decomposition may occur. Treat any contaminated cardboard packaging as hazardous waste. Wet container with additional water prior to sealing. Use absorbent material to solidify liquids. Clean up promptly by sweeping or vacuum. Wear protective equipment, including eye protection, to avoid exposure (see Section 8 for specific handling precautions).

7. Handling and storage

General procedures: Put on appropriate personal protective equipment. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking.

Precautions for safe handling: Rotate stock using the oldest material first. Avoid contact with skin, eyes and clothing. Use PPE as specified in section 8. Keep containers closed to prevent contamination. Keep away from sources of heat, sparks, or flame. Do not add to hot solvents or monomers as a violent decomposition and/or reaction may result. When using spray equipment, never spray raw peroxide onto curing or into raw resin. Keep peroxide in its original container. DO NOT USE NEAR FOOD OR DRINK. Wash thoroughly after handling. Protect from contamination. Keep tightly sealed in original packing. Risk of heat decomposition.

Conditions for safe storage: The stability of peroxide formulations is directly related to the shipping and storage temperature history. Cool storage below 80 F (27 C) is recommended. Prolonged storage at elevated temperatures of greater than 100 F (38 C) and higher will cause product degradation, off gassing and potential container rupture which can result in a fire and/or explosion. Store out of direct sunlight in a well ventilated area away from combustible and incompatible material. Do not store with food and drink. Refer to NFPA 400 Hazardous Materials Code from the National Fire Protection Association for additional storage information.

Further information:

Store apart from other dangerous and incompatible substances.

Keep away from direct sunlight.

Keep containers tightly closed in a cool, well-ventilated place.

Comments: Special care needs to be taken with this material, store at the recommended temperatures and avoid all unplanned contact with finely divided metals, powders, organic materials, and other reactive chemicals including Resins and other Composite additives.

8. Exposure controls/personal protection

Exposure controls

Control parameters				
	Occupational exposure limit values			
Chemical name	Type		ppm	mg/m ³
Methyl Ethyl Ketone Peroxide	OSHA PEL	TWA	[1]	[1]
	ACGIH TLV	TWA	0.2	1.5
Methyl Ethyl Ketone	OSHA PEL	TWA	200	590
		STEL	300	
	ACGIH TLV	TWA	200	590
		STEL	300	885
Hydrogen Peroxide	OSHA PEL	TWA	1	1.4
	ACGIH TLV	TWA	1	1.4
Footnotes: 1. Not Established				

Appropriate engineering controls: Provide ventilation or other engineering controls to keep the airborne concentrations of vapors or mists below any applicable workplace exposure limits (PEL/TLV). An installed emergency eye wash station or safety showers should be located near the work area.

Individual protection measures, such as personal protective equipment

Eye / face protection: Chemical splash goggles and/or face shield. Always use proper eye protection around the work area.

Skin protection - hand protection: Wear impermeable gloves. Clothing should limit skin exposure. Gloves contaminated with product should be discarded. Promptly remove clothing that becomes soiled with product.

Respiratory protection: Vapor respirator may be required if exposure limits are exceeded. Use a NIOSH approved respirator or equivalent when required. Proper mechanical ventilation should be installed to ensure the exposure levels are below the allowable thresholds (PEL/TLV).

Skin protection - other: Clothing should be applicable for the job at hand to protect the skin from repeated exposure to the material.

Occupational hygiene practices: Never eat or drink in areas where the chemical is being used. Wash hands after exposure.

Other use precautions: A safety shower and eye wash fountain should be readily available. To identify additional Personal Protective Equipment (PPE) requirements, it is recommended that a hazard assessment in accordance with the OSHA PPE Standard (29CFR1910.132) be conducted before using this product.

Comments: All items over 2 % listed

9. Physical and chemical properties

Physical state: Viscous Liquid.

Color: Clear (or Red)

Odor: Faint Odor.

pH: Not Applicable.

Initial boiling point and boiling range: No data available.

Flash point: 76°C (168°F) Setaflash Closed Cup

Evaporation rate (n-butyl acetate = 1): No data available.

Explosion limit / flammability limit notes: Not Available.

Vapor pressure: No data available.

Relative vapor density: > 1 (Air =1)

Relative density: 1.1 (Water = 1)

Solubility: Soluble in water

Auto-ignition temperature: No data available.

Decomposition temperature: > 60°C

Oxidizing properties: This substance is Oxidizing

Percent volatiles: No data available.

Comments: SADT; The SADT Self Accelerating Decomposition Temperature is > 60 C (140 F)

10. Stability and reactivity

Reactivity: Stable under recommended storage conditions.

Dangerous polymerization: Under normal conditions of use, hazardous reactions will not occur. Extreme heat or contact with incompatible materials can cause rapid, uncontrolled exothermic decomposition.

Conditions to avoid: Avoid contact with incompatible materials and ignition sources or heat.

Hazardous decomposition products: Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke), Irritant, caustic, flammable, noxious/toxic gases and vapors can develop in the case of fire and decomposition, Acrid smoke and irritating fumes.

Incompatible materials: Keep away from strong acids, bases, metals, metal salts e.g. cobalt naphthenate, finely divided metal powders, polyester based products, amines, anilines, combustible organic materials, and other contaminants (e.g. rust, dust, ash and grinding debris).

11. Toxicological information

Acute toxicity

Acute dermal toxicity LD₅₀: > 5000 mg/kg

Notes: ATE mix estimate

Acute oral toxicity LD₅₀: 1411 mg/kg

Notes: ATE mix estimate

Acute inhalation toxicity LC₅₀: 4.29 mg/l

Notes: ATE mix estimate

Notes: This mixture of ingredients combined has not been tested for toxicity.

Skin corrosion / irritation: Causes skin and eye irritation and possible damage..

Carcinogenicity

Notes: Not classified by IARC, OSHA, NTP, ACGIH

General comments: This product contains no listed carcinogens according to IARC, ACGIH, NTP and/or OSHA.

12. Ecological information

Ecotoxicological information: Do NOT discharge into sewers or waterways.

Aquatic toxicity, both acute and chronic: Toxic to aquatic organisms; may cause long-term adverse effects in the aquatic environment.

Bioaccumulative potential: No data available.

Environmental data: Environmental studies have not been performed for this mixture.

13. Disposal considerations

Disposal methods: DO NOT DUMP INTO ANY SEWERS, ON THE GROUND, OR INTO ANY BODY OF WATER. All disposal practices must be in compliance with Federal, State/Provincial and local laws and regulations. Regulations may vary in different locations.

Empty container: Empty containers may contain product residue. Follow warning labels even after container has been emptied.

14. Transport information

USA Department of Transport Regulations (DOT)

UN proper shipping name: Polyester Resin Kit

Technical name: Polyester Resin, MEK Peroxide

UN number: 3269

Transport hazard class(es): 3

Packing group, if applicable: N/A

Hazard label: Organic Peroxide, Keep away from heat

Note: Packing Group not assigned by regulation

ADR / RID - road / rail

UN proper shipping name: Polyester Resin Kit

UN number: 3269

Hazard class: 3

Note: Packing Group not assigned by regulation

ICAO / IATA - air

UN proper shipping name: Polyester Resin Kit

Technical name: Polyester Resin, MEK Peroxide

UN number: 3269

Transport hazard class(es): 3

Note: Packing Group not assigned by regulation

IMO / IMDG - International

UN proper shipping name: Polyester Resin Kit

Technical name: Polyester Resin, MEK Peroxide

UN number: 3269

Transport hazard class(es): 3

Note: Packing Group not assigned by regulation

Canadian Transport of Dangerous Goods Regulations (TDG)

UN proper shipping name: Polyester Resin Kit

Technical name: Polyester Resin, MEK Peroxide

UN number: 3269

15. Regulatory information

UNITED STATES

SARA Section 311/312 Hazard Categories

311/312 Health hazards: Fire Hazard, Immediate (acute) Health Hazard, Reactivity.

313 reportable ingredients: Dimethyl phthalate 131-11-3 (42 %)

Title III notes: Components meeting the requirements are listed.

EPCRA Section 302 Extremely Hazardous Substances

EPCRA Status: Hydrogen Peroxide 1 %

CERCLA Hazardous Substances and Reportable Quantities (RQ)

Chemical name	% w/w	CERCLA rq
Methyl Ethyl Ketone Peroxide	32 - 35	10 Pounds

TSCA (The Toxic Substances Control Act)

TSCA Status: All Components listed.

CAA 112(b) Hazardous Air Pollutants

CAA 112(r) List of Substances for Accidental Release Prevention: Dimethyl Phthalate 42%

Threshold quantity: 42%

Occupational safety and health administration (osha)

29 cfr1910.119---process safety management of highly hazardous chemicals:

OSHA Hazardous Communication Standard: This product is a " Hazardous Chemical " as defined by the OSHA hazardous Communication Standard, 29 CFR 1910.1200.

Clean water act: This product does not contain any hazardous substances under the US CWA Section 311 Tables 116.4 or 117.3 it does contain the priority pollutant under the CWA Dimethyl Phthalate 131-11-3

CANADA

Domestic Substances List (DSL) / Non-Domestic Substances List (NDSL): Listed.

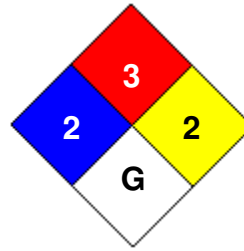
16. Other information

Date Prepared: 04/24/2025

HMIS rating

Health		3
Flammability		2
Physical hazard		1
Personal protection		G

NFPA codes



Manufacturer disclaimer: This information is compiled from sources believed reliable at the date of issue, is provided in good faith and correct to the best of our knowledge. No warranty, guarantee, or representation is made as to the sufficiency of the information for the safe use of the product nor to relieve the end user of their own Federal, State, and local regulatory compliance requirements.