

Safety Data Sheet

According to

OSHA Hazard Communication Standard, 29 CFR 1910.1200

Section 1. Identification of the Material and the Supplier

Product Identifier

Product: Assassin Polyester Transparent Knife Grade Adhesive

Synonyms: Polyester Stone Adhesive

Product Code: SKU 109200

Recommended Use of the Product and Restriction on Use

Relevant Identified Uses: Polyester Adhesive and Filler

Uses Advised Against: None Known

Reasons Why Uses Advised Against: Not determined or not applicable.

24 Hour Emergency Telephone Number: CHEMTREC 800-424-9300

Manufacturer:

Company:

GranQuartz USA
445 Satellite Blvd
Suwanee, GA 30024
Phone: (800)458-6222

Section 2. Hazards Identification

GHS Pictograms



Signal Word: **DANGER**

GHS Classification	Category
Flammable Liquids	Cat. 3
Acute Toxicity (inhalation)	Cat. 4
Skin Irritation	Cat. 2
Eye irritation	Cat. 2A
Carcinogenicity	Cat. 2
Reproductive Toxicity	Cat. 2
Specific Target Organ Toxicity- Single Exposure	Cat. 3 (respiratory tract irritation)
Specific Target Organ Toxicity- Repeated Exposure	Cat. 1
Aspiration Hazard	Cat. 1
Chronic Aquatic Hazard	Cat. 3

Hazard Code	Hazard Statement
H226	Flammable liquid and vapor.
H332	Harmful if inhaled.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H351	Suspected of causing cancer.
H361	Suspected of damaging fertility or unborn child.
H335	May cause respiratory irritation.
H372	Causes damage to organs through prolonged or repeated exposure.
H304	May be fatal if swallowed and enters airway.
H412	Harmful to aquatic life with long lasting effects.

Precautionary Code	Precautionary Statement
P201	Obtain special instruction before use.
P202	Do not handle until all safety precautions have been read and understood.
P210	Keep away from heat, sparks, open flames and hot surfaces. No smoking.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical, ventilating, and lighting equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P260	Do not breathe dust/fume/gas/mist/vapour/spray.
P264	Wash hands thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P271	Use only outdoors or in well-ventilated area.
P273	Avoid release to the environment.
P280	Wear protective gloves, protective clothing, eye protection and face protection.
P303 + P361 + P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.
P370 + P378	In case of fire: Use agents recommended in Section 5 to extinguish.
P302 + P352	IF ON SKIN: Wash with plenty of water.
P321	Specific treatment (see Sections 4-8 of this SDS and any supplemental information on the product label).
P332 + P313	If skin irritation occurs: Get medical advice or attention.
P362	Take off contaminated clothing and wash it before reuse.
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 exposed or concerned: Get medical advice or attention.
P304 + P340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
P312	Call a doctor if you feel unwell.
P314	Get medical advice or attention if you feel unwell.
P331	Do NOT induce vomiting

P301 + P310	IF SWALLOWED: Immediately call a doctor.
P403 + P235	Store in a well-ventilated place. Keep cool
P405	Store locked up
P403 + P233	Store in a well-ventilated place. Keep container tightly closed
P501	Dispose of contents and containers in accordance with local, regional, national, and international regulations.

Hazards Not Otherwise Classified: None.

Section 3. Composition / Information on Hazardous Ingredients

Ingredients	Weight%	CAS NUMBER.
Styrene	25-30	100-42-5
Ethanol	1-2	64-17-5
Ethylbenzene	<1	100-41-4

Additional Information: None.

Section 4. First Aid Measures

Description of First Aid Measures

General Notes: Show this Safety Data Sheet to the doctor in attendance. Take precautions to ensure your own safety before attempting rescue. Wear appropriate safety eyewear, gloves, protective clothing and respiratory protection to prevent exposure. See Section 8 of this SDS for personal protective equipment recommendations. Do not use the mouth-to-mouth method if victim has ingested or inhaled the product. Give artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper device.

After Inhalation: If inhaled, remove person to fresh air and place in a position comfortable for breathing. Keep person at rest. If breathing is difficult, administer oxygen. If breathing has stopped, provide artificial respiration. If symptoms develop or persist, seek medical advice/attention.

After Skin Contact: Remove contaminated clothing and shoes. Rinse skin with copious amounts of water [shower] for several minutes. Launder contaminated clothing before reuse. If symptoms develop or persist, seek medical advice/attention.

After Eye Contact: Immediately rinse eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 15 minutes. If eye irritation develops or persists, seek medical advice/attention.

After Swallowing: This product presents an aspiration hazard. If aspiration is suspected, seek emergency medical treatment. If swallowed, DO NOT induce vomiting unless told to do so by a physician or poison control center. Rinse mouth with water. Never give anything by mouth to an unconscious person. If spontaneous vomiting occurs, place on the left side with head down to prevent aspiration of liquid into the lungs. If symptoms develop or persist, seek medical advice/attention.

Most Important Symptoms and Effects, Both Acute and Delayed

Acute Symptoms and Effects:

Product is flammable. Exposure to sources of ignition may cause physical injury. Skin contact may result in redness, pain, burning and inflammation. Eye contact may result in irritation, redness, pain, inflammation, itching, burning and tearing. Inhalation may have adverse effects on the respiratory tract. Symptoms may include cough, breathing difficulties, sore throat and inflammation of the mucous membrane lining the respiratory tract. May be fatal if swallowed and enters airways. Aspiration may cause pulmonary edema and pneumonitis. Symptoms may include shortness of breath, dry cough and irritation of the nose, eyes, lips, mouth and throat. Acute inhalation exposure may lead to dizziness, drowsiness, headache, breathing difficulties, nausea, vomiting, abdominal pain, and lowering of consciousness. Adverse effects are dependent on exposure (dose, concentration, contact time).

Delayed Symptoms and Effects:

Effects are dependent on exposure (dose, concentration, contact time). Suspected of causing cancer. Effects are dependent on exposure (dose, concentration, contact time). Long term exposure may affect fertility. Symptoms include, but are not limited to: menstrual problems, altered sexual behavior/fertility/ and pregnancy outcome. Long term exposure may also affect development of the unborn child. Symptoms include, but are not limited to: intrauterine growth retardation, pre-term birth, birth defects and postnatal death. Causes damage to organs through prolonged or repeated exposure. Effects are dependent on exposure (dose, concentration, contact time). Symptoms of pulmonary edema may be delayed. Symptoms of exposure may be delayed.

Immediate Medical Attention and Special Treatment

Specific Treatment: Skin/eye burns require immediate treatment. If respiratory symptoms persist, seek medical attention.

Notes for the Doctor: Treat symptomatically.

Section 5. Fire Fighting Measures

Extinguishing Media

Suitable Extinguishing Media:

Dry chemical, CO₂, water spray or alcohol-resistant foam.

Unsuitable Extinguishing Media:

Do not use water jet.

Specific Hazards During Fire Fighting:

Flammable liquid. Will be easily ignitable by heat, sparks or flames. Vapors may form explosive mixtures with air. Vapors may travel to source of ignition and flash

back. Most vapors are heavier than air. They will spread along ground and collect in low or confined areas (sewers, basements, tanks). Vapor explosion hazard indoors, outdoors or in sewers. Runoff to sewer may create fire or explosion hazard. Containers may explode when heated. Inhalation or contact with material may irritate or burn skin and eyes. Fire may produce irritating, corrosive and/or toxic gases. Vapors may cause dizziness or suffocation.

Special Protective Equipment for Firefighters:

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full-face piece operated in positive pressure mode.

Special precautions:

Evacuate non-essential personnel. Ventilate closed spaces before entering. Consider initial evacuation for 300 meters in all directions. If tank/rail car is involved in the fire, ISOLATE for 800 meters in all directions. Fight fire from a maximum distance. Move containers from fire area if you can do it without risk. Use water spray/fog for cooling fire exposed containers. Withdraw immediately in case of rising sound from venting safety devices or discoloration of tank. Always stay away from tanks engulfed in fire. For massive fire, use unmanned hose holders or monitor nozzles. If this is impossible, withdraw from area and let fire burn. Stand by, at a safe distance, with extinguisher ready for possible re-ignition. A vapor-suppressing foam may be used to reduce vapors. Avoid unnecessary run-off of extinguishing media which may cause pollution. Do not handle damaged containers unless specialized to do so.

Section 6. Accidental Release Measures**Personal Precautions, Protective Equipment, and Emergency Procedures:**

Evacuate unnecessary personnel. Ventilate area. Extinguish any sources of ignition. All equipment used when handling the product must be grounded. Wear recommended personal protective equipment (see Section 8). Avoid contact with skin, eyes and clothing. Avoid breathing mist, vapor, dust, fume and spray. Do not walk through spilled material. Wash thoroughly after handling.

Environmental Precautions:

Prevent further leakage or spillage if safe to do so. Prevent from reaching drains, sewers and waterways. Discharge into the environment must be avoided.

Methods and Material for Containment and Cleaning Up:

Do not touch damaged containers or spilled material unless wearing appropriate personal protective clothing. Stop leak if you can do it without risk. A vapor-suppressing foam may be used to reduce vapors. Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers for future disposal. Dispose of in accordance with all applicable regulations (see Section 13). Prevent further leakage or spillage if safe to do so. Prevent from reaching drains, sewers and waterways. Discharge into the environment must be avoided. Harmful if inhaled. Put on appropriate personal protective equipment, including a self-contained breathing apparatus (see Section 8) before entering area of spill or leak. Avoid breathing dust, mist, fumes, vapors or spray. Do not touch damaged containers or spilled material unless wearing appropriate personal protective clothing. Stop leak if you can do it without risk. Contain and collect spillage and place in suitable container

for future disposal. Dispose of in accordance with all applicable regulations (see Section 13).

Reference to Other Sections:

For personal protective equipment see Section 8. For disposal see Section 13.

Section 7. Handling and Storage

Precautions for Safe Handling:

- Do not store in temperatures greater than 100°F. Shelf Life: One (1) year when stored at room temperatures.
- Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- Use explosion-proof electrical, ventilating and lighting equipment. Take action to prevent static discharges.
- Handle containers with caution.
- Use appropriate personal protective equipment (see Section 8).
- Use only with adequate ventilation.
- Avoid breathing mist/vapor/spray/dust.
- Do not eat, drink, smoke, or use personal products when handling chemical substances.
- Avoid contact with skin, eyes and clothing.
- Wash affected areas thoroughly after handling.
- Keep away from incompatible materials (See Section 10).
- Keep containers tightly closed when not in use.

Conditions for Safe Storage, Including Any Incompatibilities:

- Do not store in temperatures greater than 100°F Store in cool, dry, well-ventilated location out of direct sunlight.
- Keep away from food and beverages.
- Protect from freezing and physical damage.
- Store away from heat, open flames and other sources of ignition.
- Keep container tightly sealed.
- Store away from incompatible materials (See Section 10).

Section 8. Exposure Controls / Personal Protection

Only those substances with limit values have been included below.

Occupational Exposure Limit Values:

Country (Legal Basis)	Substance	Identifier	Permissible Concentration
ACGIH	Styrene	100-42-5	8-hour TWA: 10 ppm
	Styrene	100-42-5	15-minute STEL: 20 ppm
	Ethanol	64-17-5	15-minute STEL: 1000 ppm
	Ethylbenzene	100-41-4	8-hour TWA: 20 ppm
NIOSH	Styrene	100-42-5	IDLH: 700 ppm
	Styrene	100-42-5	REL-TWA: 50ppm (215 mg/m3)

Country (Legal Basis)	Substance	Identifier	Permissible Concentration
	Styrene	100-42-5	15-minute STEL: 100 mg/m ³ (425 mg/m ³)
	Ethanol	64-17-5	REL-TWA: 1900mg/m ³ (1000 ppm [up to 10hr])
	Ethanol	64-17-5	IDLH: 3300 ppm
	Ethylbenzene	100-41-4	REL-TWA: 435 mg/m ³ (100 ppm [10-hr])
	Ethylbenzene	100-41-4	15-Minute STEL: 545 mg/m ³ (125 ppm)
	Ethylbenzene	100-41-4	IDLH: 800 ppm
OSHA	Styrene	100-42-5	8-Hour TWA: 100 ppm
	Styrene	100-42-5	Ceiling Limit: 200 ppm
	Styrene	100-42-5	Peak Exposure Limit Value: 600 ppm (5 min. in a 3 hr. period)
	Ethanol	64-17-5	8-Hour TWA-PEL: 1900 mg/m ³ ([1000 ppm])
	Ethylbenzene	100-41-4	8-Hour TWA-PEL: 435 mg/m ³ (100 ppm)
United States (California)	Styrene	100-42-5	8-Hour TWA: 50 ppm (215 mg/m ³)
	Styrene	100-42-5	PEL-STEEL: 100 ppm (425 mg/m ³)
	Styrene	100-42-5	PEL Ceiling: 500 ppm
	Ethanol	64-17-5	8-Hour TWA-PEL: 1900 mg/m ³ ([1000 ppm])
	Ethylbenzene	100-41-4	8-Hour TWA-PEL: 435 mg/m ³ (100 ppm)
	Ethylbenzene	100-41-4	15-Minute STEL: 545 mg/m ³ (125 ppm)

Biological Limit Values:

Country (Legal Basis)	Substance	Identifier	Determinant	Specimen	Sampling Time	Permissible Limits
ACGIH	Styrene	100-42-5	Mandelic acid plus phenylglyoxylic acid	Creatinine in urine	End of shift	150 mg/g
	Styrene	100-42-5	Styrene	Urine	End of Shift	20 ug/L
	Ethylbenzene	100-41-4	Sum of mandelic acid and phenylglyoxylic acid	Creatinine in urine	End of shift	0.15 g/g

Information on Monitoring Procedures: Not determined or not applicable.

Engineering Controls:

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Emergency eye wash stations and safety showers should be available in the immediate vicinity of use or handling. Provide adequate ventilation to maintain the airborne concentrations of vapor, mists, and/or dusts below the applicable workplace exposure limits, while observing recognized national standards (or equivalent).

Personal Protection



Equipment Eye and Face Protection:

Safety glasses or goggles. Use eye protection equipment that has been tested and approved by recognized national standards (or equivalent).

Skin and Body Protection:

Chemical resistant, impervious gloves approved by the appropriate standards. Gloves must be inspected prior to use. Avoid skin contact with used gloves. Appropriate techniques should be used to remove used gloves and contaminated clothing. Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. Ensure that all personal protective equipment is approved by recognized national standards (or equivalent).

Respiratory Protection:

If engineering controls do not maintain airborne concentrations below the applicable workplace exposure limits, or to an acceptable level (if exposure limits have not been established), a respirator approved by recognized national standards (or equivalent) must be worn. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air purifying respirators may not provide adequate protection.

General Hygienic Measures:

When handling chemical products, do not eat, drink or smoke. Wash hands after handling, before breaks, and at the end of the workday. Avoid contact with skin, eyes and clothing. Wash contaminated clothing before reuse. Perform routine housekeeping.

Section 9. Physical and Chemical Properties

Information on Basic Physical and Chemical Properties

Physical State	Paste
Color	Opaque Yellow
Odor	Pungent, Sweet
Odor Threshold	Not determined or not available
pH	Not determined or not available
Melting point/Freezing point	Not determined or not available
Initial boiling point/range	146°C (styrene)
Flash point (closed cup)	32°C (styrene)

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Evaporation rate	Not determined or not available
Flammability (solid, gas)	Not determined or not available
Upper flammability/explosive limit	Not determined or not available
Lower flammability/explosive limit	Not determined or not available
Vapor pressure	Not determined or not available
Vapor density	Not determined or not available
Density	Not determined or not available
Relative density	Not determined or not available
Solubilities	Not determined or not available
Partition coefficient (n-octanol/water)	Not determined or not available
Auto/Self-ignition temperature	Not determined or not available
Decomposition temperature	Not determined or not available
Dynamic viscosity	Not determined or not available
Kinematic viscosity	Not determined or not available
Explosive properties	Not determined or not available
Oxidizing properties	Not determined or not available

Section 10. Stability and Reactivity

Reactivity:

Not reactive under recommended handling and storage conditions.

Chemical Stability:

Stable under recommended handling and storage conditions.

Possibility of Hazardous Reactions:

Hazardous reactions are not anticipated under recommended conditions of handling and storage.

Conditions to Avoid:

Extreme heat, open flames, hot surfaces, sparks, ignition sources, static electricity and incompatible materials. Vapor accumulation in low or confined areas.

Incompatible Materials:

None known.

Hazardous Decomposition Products:

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11. Toxicological Information

Acute Toxicity

Assessment:

Harmful if inhaled.

Product Data:

No data available.

Substance Data:

Name	Route	Result
Styrene	Oral	LD50 Rat: 5000 mg/kg
	Dermal	LD50 Rat: >2000 mg/kg
	Inhalation	LD50 Rat: 11.8 mg/kg (4hr [vapor])
Ethanol	Oral	LD50 Rat: 10,470 mg/kg
	Dermal	LD50 Rat: 17,100 mg/kg
	Inhalation	LD50 Rat: 116.9 mg/L (4hr [vapor])
Ethylbenzene	Oral	LD50 Rat: 3500 mg/kg
	Dermal	LD50 Rabbit: 15,400 mg/kg
	Inhalation	LD50 Rat: 17.8 mg/L (4hr [vapor])

Skin Corrosion/Irritation**Assessment:**

Causes skin irritation.

Product Data:

No data available.

Substance Data:

Name	Result
Styrene	Causes skin irritation.

Serious Eye Damage/Irritation**Assessment:**

Causes serious eye irritation.

Product Data:

No data available.

Substance Data:

Name	Result
Styrene	Causes serious eye irritation.
Ethanol	Causes serious eye irritation.

Respiratory or Skin Sensitization**Assessment:**

Based on available data, the classification criteria are not met.

Product Data:

No data available.

Substance Data:

No data available.

Carcinogenicity

Assessment:

Suspected of causing cancer.

Product Data:

No data available.

Substance Data:

Name	Species	Result
Styrene		Suspected of causing cancer.

International Agency for Research on Cancer (IARC):

Name	Classification
Styrene	Group 2A
Ethanol	Group 1
Ethylbenzene	Group 2B

National Toxicology Program (NTP):

Name	Classification
Styrene	Reasonably anticipated to be human carcinogens
Ethanol	Known to be human carcinogens
Ethylbenzene	Not applicable

OSHA Carcinogens: Not applicable

Germ Cell Mutagenicity**Assessment:**

Based on available data, the classification criteria are not met.

Product Data:

No data available.

Substance Data:

No data available.

Reproductive Toxicity**Assessment:**

Suspected of damaging fertility or the unborn child.

Product Data:

No data available.

Substance Data:

Name	Result
Styrene	Suspected of damaging the unborn child.

Specific Target Organ Toxicity (Single Exposure)**Assessment:**

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May cause respiratory irritation.

Product Data:

No data available.

Substance Data:

Name	Result
Styrene	May cause respiratory irritation.

Specific Target Organ Toxicity (Repeated Exposure)

Assessment:

Causes damage to organs through prolonged or repeated exposure.

Product Data:

No data available.

Substance Data:

Name	Result
Styrene	Causes damage to hearing organs through prolonged or repeated exposure (inhalation).
Ethylbenzene	May cause damage to organs (hearing; central nervous system) through prolonged or repeated exposure.

Aspiration Toxicity

Assessment:

May be fatal if swallowed and enters airways.

Product Data:

No data available.

Substance Data:

Name	Result
Styrene	May be fatal if swallowed and enters airways.
Ethylbenzene	May be fatal if swallowed and enters airways.

Information on Likely Routes of Exposure:

No data available.

Symptoms Related to the Physical, Chemical, and Toxicological Characteristics:

No data available.

Other Information:

No data available.

Section 12. Ecotoxicological Information

Acute (Short-Term) Toxicity

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Assessment:

Based on available data, the classification criteria are not met.

Product Data:

No data available.

Substance Data:

Name	Result
Styrene	Fish LC50 Pimephales promelas: 10 mg/L (96hr [mortality])
	Aquatic Invertebrates EC50 Daphnia magna: 4.7 mg/L (48hr [mobility])
	Aquatic Plants EC50 Raphidocelis subcapitata: 4.9 mg/L (72hr [growth rate])
Ethanol	Fish LC50 Pimephales promelas: 15,300 mg/L (96hr)
	Aquatic Invertebrates EC50 Daphnia magna: >10,000 mg/L (48hr [mobility; read-across substance data])
	Aquatic Plants EC50 Chlorella vulgaris: 275 mg/L (72hr [growth rate])
	Bacteria LC50 Paramaecium caudatum: 5,800 mg/L (4hr)
Ethylbenzene	Fish LC50 Menidia menidia: 5.1 mg/L (96hr)
	Aquatic Invertebrates EC50 Daphnia magna: 1.8 - 2.4 mg/L (48hr [adult length, weight, reproduction, age at first brood release, neonate length and weight])
	Aquatic Plants EC50 Raphidocelis subcapitata: 5.4 mg/L (72hr [cell number])

Chronic (Long-Term) Toxicity**Assessment:**

Harmful to aquatic life with long lasting effects.

Product Data:

No data available.

Substance Data:

Name	Result
Styrene	Aquatic Invertebrates NOEC Daphnia magna: 1.01 mg/L (21 d [reproduction])
	Aquatic Plants NOEC Raphidocelis subcapitata: 0.985 mg/L (72hr [growth rate])
Ethanol	Aquatic Invertebrates NOEC Daphnia Magna: 9.6 mg/L (10 d [reproduction])
	Fish NOEC Danio rerio: 250 mg/L (5 d)

Persistence and Degradability**Product Data:**

No data available.

Substance Data:

Name	Result
Styrene	The substance is readily biodegradable. 70.9% degradation in water, measured by ThOD, after 28 days.
Ethanol	The substance is readily biodegradable. 84% degradation measured by O2 consumption, after 20 days.
Ethylbenzene	The substance is readily biodegradable. 70 - 80% degradation in water, measured by inorganic Carbon analysis, after 28 days.

Bioaccumulative Potential**Product Data:**

No data available.

Substance Data:

Name	Result
Styrene	The substance is not expected to bioaccumulate (BCF: 1.9).
Ethanol	The substance is not expected to bioaccumulate in organisms (estimated BCF: 3).
Ethylbenzene	The substance is not expected to bioaccumulate (BCF: 110 L/Kg; (Q)SAR substance data).

Mobility in Soil**Product Data:**

No data available.

Substance Data:

Name	Result
Styrene	The substance is moderately mobile, therefore, there is moderate potential for adsorption to soil and sediment (Log Koc: 2.55).
Ethanol	The substance is highly mobile, therefore, adsorption to soil and sediment is not expected (log Koc: 0.2).
Ethylbenzene	The substance is slightly mobile, therefore, adsorption to soil and sediment is expected (log Koc = 3.12; (Q)SAR substance data).

Results of PBT and vPvB assessment**Product Data:**

PBT assessment: This product does not contain any substances that are assessed to be a PBT.

vPvB assessment: This product does not contain any substances that are assessed to be a vPvB.

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PBT assessment:

Styrene	The substance is not PBT.
Ethanol	The substance is not PBT.
Ethylbenzene	The substance is not PBT.

vPvB assessment:

Styrene	The substance is not vPvB.
Ethanol	The substance is not vPvB.
Ethylbenzene	The substance is not vPvB.

Other Adverse Effects:

No data available.

Section 13. Disposal Considerations

Disposal Methods:

It is the responsibility of the waste generator to properly characterize all waste materials according to applicable regulatory entities.

Contaminated packages:

Not determined or not applicable.

Section 14. Transport Information

United States Transportation of Dangerous Goods (49 CFR DOT)

UN Number	UN1866
UN Proper Shipping Name	Resin Solution
Transport Hazard Class	3
Packing Group	III
Environmental Hazards	None
Special Precautions	None
Passenger Air/Rail	60 L
Cargo Aircraft Only	220 L
Stowage Category	A

International Maritime Dangerous Goods (IMDG)

UN Number	UN1866
UN Proper Shipping Name	Resin Solution
Transport Hazard Class	3
Packing Group	III
Environmental Hazards	None
Special Precautions for User	None
EmS Number	F-E, S-E
Stowage Category	A
Excepted Quantities	E1
Limited Quantity	5 L

International Air Transport Association Dangerous Goods Regulations (IATA-DGR)

UN Number	UN1866
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UN Proper Shipping Name	Resin Solution
Transport Hazard Class	3
Packing Group	III
Environmental Hazards	None
Special Precautions for Users	None
ERG Code	3 L
Excepted Quantities	E1
Passenger and Cargo	60 L
Cargo Aircraft Only	220 L
Limited Quantity	10 L

Section 15 Regulatory Information

United States Regulations:

Inventory Listing (TSCA):

All ingredients are listed-active or exempt.

Significant New Use Rule (TSCA Section 5):

None of the ingredients are listed.

Export Notification under TSCA Section 12(b):

None of the ingredients are listed.

SARA Section 302 Extremely Hazardous Substances:

None of the ingredients are listed.

SARA Section 313 Toxic Chemicals:

100-42-5	Styrene	Listed
100-41-4	Ethylbenzene	Listed

CERCLA:

100-42-5	Styrene	Listed	1000 lbs
100-41-4	Ethylbenzene	Listed	1000 lbs

RCRA:

100-42-5	Styrene	Listed	100 lbs
100-41-4	Ethylbenzene	Listed	F039, D001

Section 112(r) of Clean Air Act (CAA):

100-41-4	Ethylbenzene	Listed
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Massachusetts Right to Know:

100-42-5	Styrene	Listed
64-17-5	Ethanol	Listed
100-41-4	Ethylbenzene	Listed

New Jersey Right to Know:

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100-42-5	Styrene	Listed
64-17-5	Ethanol	Listed
100-41-4	Ethylbenzene	Listed

New York Right to Know:

100-42-5	Styrene	Listed
64-17-5	Ethanol	Listed
100-41-4	Ethylbenzene	Listed

Pennsylvania Right to Know:

100-42-5	Styrene	Listed
64-17-5	Ethanol	Listed
100-41-4	Ethylbenzene	Listed

California Proposition 65:

 **WARNING:** This product can expose you to chemicals including Styrene and Ethyl Benzene which are known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

Section 16 Other Information

Disclaimer

This product has been classified in accordance with OSHA HCS 2024 guidelines. The information provide in this SDS is correct, to the best of our knowledge, based on available information. The information is designed only to give guidance for safety handling, use, storage, transportation and disposal and is not considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials, unless specified in the test. The responsibility to distribute appropriate and inform consumers remains with the distributor.

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