



EZ 22-SPS Gloss 2-Component Solvent-borne Polyurethane Sealer PART A

SAFETY DATA SHEET

623 Chatsworth Hwy 225

Calhoun, GA 30701

706.403.3286

lamininindustries.com

Hazards Identification

GHS Ratings:

Flammable liquid 2 Flash point < 23°C (73°F) and initial boiling point > 35°C (95°F) Skin corrosive 3
Reversible adverse effects in dermal tissue, Draize score: >=

1.5 < 2.3

Eye corrosive 2A Eye irritant: Subcategory 2A, Reversible in 21 days Skin sensitizer 1 Skin

sensitizer GHS Hazards

H225 Highly flammable liquid and
vapour H316 Causes mild skin
irritation

H317 May cause an allergic skin
reaction H319 Causes serious eye
irritation

GHS Precautions

P210 Keep away from heat/sparks/open flames/hot surfaces – No smoking

P233 Keep container tightly closed

P240 Ground/bond container and receiving equipment

P241 Use explosion-proof electrical/ventilating/light/.../equipment

P242 Use only non-sparking tools

P243 Take precautionary measures against static discharge

P261 Avoid breathing dust/fume/gas/mist/vapors/spray

P264 Wash ... thoroughly after handling

P272 Contaminated work clothing should not be allowed out of the workplace

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

P321 Specific treatment (see ... on this label)

P363 Wash contaminated clothing before reuse

P302+P352 IF ON SKIN: Wash with soap and water

P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing .

Rinse skin with water/shower

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

P332+P313 If skin irritation occurs: Get medical advice/attention

P333+P313 If skin irritation or a rash occurs: Get medical advice/attention P337+P313 If eye
irritation persists, get medical advice/attention P370+P378 In case of fire: Use CO₂, dry
chemical, or foam for extinction P403+P235 Store in a well-ventilated place. Keep container
tightly closed

P501 Dispose of in accordance with all applicable local, state and federal regulations.



Signal Word: Danger



Chronic Toxicity/Effects:

Repeat dose toxicity

information on:

Acetone

Assessment of repeated dose toxicity: The substance may cause damage to the testes after repeated ingestion of high doses, as shown in animal studies. The substance may cause damage to the hematological system after repeated ingestion of high doses. The substance may cause damage to the kidney after repeated ingestion of high doses, as shown in animal studies.

Other information

The product has not been tested. The statements on toxicology have been derived from products of a similar structure and composition

Composition / Information on Ingredients

Chemical Name	CAS number	Weight Concentration %
Modified Copolymer	N/A	50.00% - 60.00%
Acetone	67-64-1	40.00% - 50.00%
1,2,4-Trimethylbenzene	95-63-6	1.00% - 5.00%

First Aid Measures

If inhaled: If difficulties occur after vapor/aerosol has been inhaled, remove to fresh air and seek medical attention **If in eyes:** Immediately wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist.

If on skin: Wash thoroughly with soap and water. If irritation develops, seek medical attention.

If swallowed: Rinse mouth and then drink plenty of water. Do not induce vomiting. Seek medical attention if necessary.

Fire Fighting Measures

Flash Point: N/A

LEL: 1.00 UEL: 13.00

EXTINGUISHING MEDIA: Suitable extinguishing media: Dry powder, foam

HAZARDOUS COMBUSTION PRODUCTS: Hazards during fire-fighting:

Substance/Product is flammable liquid.

FIRE FIGHTING: Protective equipment for fire-fighting: Firefighters should be equipped with self-contained breathing apparatus and turn-out gear.



Accidental Release Measures

Personal precautions, protective equipment and emergency procedures: Use personal protective clothing. Can release flammable vapors. Wind direction should be noted. Avoid all sources of ignition: heat, sparks, open flame. Use anti-static tools.

Environmental precautions: Do not discharge into drains/surface waters/ ground water.

Methods and material for containment and cleaning up:

- For large amounts: Pump off product.
- For residues: Pick up with suitable absorbent material. Dispose of absorbed material in accordance with regulations.

Handling and Storage

Precautions for safe handling:

- Avoid all sources of ignition: heat, sparks, open flame.
- Protection against fire and explosion: Prevent electrostatic charge- sources of ignition should be kept well clear- fire extinguishers should be kept handy

Conditions for safe storage, including any incompatibilities:

Further information on storage conditions: Keep container tightly closed and in a cool place

Exposure Controls / Personal Protection

Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
Modified Copolymer N/A	Not Established	Not Established	Not Established
Acetone 67-64-1	Not Established	Not Established	Not Established
1,2,4- Trimethylbenzene 95-63-6	Not Established	Not Established	Not Established

Personal protective equipment

Respiratory Protection: Wear a NIOSH-certified (or equivalent) organic vapor/ particulate respirator . **Hand protection:** Chemical resistant protective gloves.

Eye protection: Tightly fitting safety goggles (chemical goggles) and face shield .

General safety and hygiene measures: Wear protective clothing as necessary to minimize contact . Handle in accordance with good industrial hygiene and safety practice.

Physical and Chemical Properties

This mixture typically exhibits the following properties under normal circumstance:



EZ 22-SPS Gloss
2- Component Solvent-borne
Polyurethane Sealer PART A
SAFETY DATA SHEET| PAGE 4

Appearance: Liquid
Vapor Pressure: N/D
Vapor Density: N/D
Density: 8 lb/gal
Boiling point: N/D
Evaporation rate: N/D
Explosive Limits: N/D

Odor: N/D
Odor threshold: N/D
pH: N/D
Solubility: N/D
Flash point: -20°C
Flammability: Yes
Partition coefficient (n-octanol/water): N/D
Decomposition temperature: N/D
Grams VOC less water: 63 g/L

Autoignition temperature: 465 °C
Viscosity: 52 cp

Stability and Reactivity

Stability: The product is stable if stored and handled as prescribed/indicated STABLE

Incompatible materials: Oxidizing agents

Hazardous Decomposition: No hazardous decomposition products if stored and handled as prescribed/indicated
Hazardous polymerization will not occur.

Toxicological Information

Mixture Toxicity

Inhalation Toxicity LC50: 3,745mg/L

Component Toxicity

Primary routes of entry: Ingestion, Inhalation, Eye or Skin contact.

CAS Number Description % Weight None

Carcinogen Rating No Data Available

Ecological Information

Component Ecotoxicity

Acetone Acute Fish Toxicity (ACETONE) LC50 / 96 hours Rainbow Trout 5,540 mg/L

1,2,4-Trimethylbenzene Toxicity to fish: flow-through test LC50 - Pimephales promelas (fathead minnow) - 7.72 mg/l - 96.0 h

Toxicity to daphnia and other aquatic invertebrates: static test EC50 - Daphnia magna (Water flea) - 3.6 mg/l - 48 h (OECD Test Guideline 202)

Disposal Considerations

Waste disposal of substance:

Do not discharge into drains/surface waters/ groundwater. Must be disposed of or incinerated in accordance with local regulations.

Container disposal:

Dispose of in a licensed facility. Recommend crushing, puncturing or other means to prevent unauthorized use of used containers. Flammable vapors may exist in containers in which residues of this product remain.

Hazards Identification

GHS Ratings:

Flammable liquid 2 Flash point < 23°C (73°F) and initial boiling point > 35°C (95°F) Skin corrosive 3 Reversible adverse effects in dermal tissue, Draize score: >=

1.5 < 2.3

Eye corrosive 2A Eye irritant: Subcategory 2A, Reversible in 21 days Skin sensitizer 1 Skin

sensitizer GHS Hazards

H225 Highly flammable liquid and vapour H316 Causes mild skin irritation

H317 May cause an allergic skin reaction H319 Causes serious eye irritation

GHS Precautions

P210 Keep away from heat/sparks/open flames/hot surfaces – No smoking

P233 Keep container tightly closed

P240 Ground/bond container and receiving equipment

P241 Use explosion-proof electrical/ventilating/light/.../equipment

P242 Use only non-sparking tools

P243 Take precautionary measures against static discharge

P261 Avoid breathing dust/fume/gas/mist/vapours/spray

P264 Wash ... thoroughly after handling

P272 Contaminated work clothing should not be allowed out of the workplace

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

P321 Specific treatment (see ... on this label)

P363 Wash contaminated clothing before reuse

P302+P352 IF ON SKIN: Wash with soap and water

P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing .

Rinse skin with water/shower

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

P332+P313 If skin irritation occurs: Get medical advice/attention

P333+P313 If skin irritation or a rash occurs: Get medical advice/attention P337+P313 If eye irritation persists, get medical advice/attention P370+P378 In case of fire: Use CO2, dry chemical, or foam for extinction P403+P235 Store in a well-ventilated place. Keep container tightly closed

P501 Dispose of in accordance with all applicable local, state and federal regulations.

Signal Word: **Danger**





Chronic Toxicity/Effects:

Repeat dose toxicity

information on:

Acetone

Assessment of repeated dose toxicity: The substance may cause damage to the testes after repeated ingestion of high doses, as shown in animal studies. The substance may cause damage to the hematological system after repeated ingestion of high doses. The substance may cause damage to the kidney after repeated ingestion of high doses, as shown in animal studies.

Other information

The product has not been tested. The statements on toxicology have been derived from products of a similar structure and composition

Composition / Information on Ingredients

Chemical Name	CAS number	Weight Concentration %
Modified Copolymer	N/A	50.00% - 60.00%
Acetone	67-64-1	40.00% - 50.00%
1,2,4-Trimethylbenzene	95-63-6	1.00% - 5.00%

First Aid Measures

If inhaled: If difficulties occur after vapor/aerosol has been inhaled, remove to fresh air and seek medical attention **If in eyes:** Immediately wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist.

If on skin: Wash thoroughly with soap and water. If irritation develops, seek medical attention.

If swallowed: Rinse mouth and then drink plenty of water. Do not induce vomiting. Seek medical attention if necessary.

Fire Fighting Measures

Flash Point: N/A

LEL: 1.00 UEL: 13.00

EXTINGUISHING MEDIA: Suitable extinguishing media: Dry powder, foam

HAZARDOUS COMBUSTION PRODUCTS: Hazards during fire-fighting: Substance/Product is flammable liquid.

FIRE FIGHTING: Protective equipment for fire-fighting: Firefighters should be equipped with self-contained breathing apparatus and turn-out gear.

Accidental Release Measures

Personal precautions, protective equipment and emergency procedures: Use personal protective clothing. Can release flammable vapors. Wind direction should be noted. Avoid all sources of ignition: heat, sparks, open flame. Use anti-static tools.

Environmental precautions: Do not discharge into drains/surface waters/ ground water.

Methods and material for containment and cleaning up:



- For large amounts: Pump off product.
- For residues: Pick up with suitable absorbent material. Dispose of absorbed material in accordance with regulations.

Handling and Storage

Precautions for safe handling:

- Avoid all sources of ignition: heat, sparks, open flame.
- Protection against fire and explosion: Prevent electrostatic charge- sources of ignition should be kept well clear- fire extinguishers should be kept handy

Conditions for safe storage, including any incompatibilities:

Further information on storage conditions: Keep container tightly closed and in a cool place

Exposure Controls / Personal Protection

Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
Modified Copolymer N/A	Not Established	Not Established	Not Established
Acetone 67-64-1	Not Established	Not Established	Not Established
1,2,4-Trimethylbenzene 95-63-6	Not Established	Not Established	Not Established

Personal protective equipment

Respiratory Protection: Wear a NIOSH-certified (or equivalent) organic vapor/ particulate

respirator . **Hand protection:** Chemical resistant protective gloves.

Eye protection: Tightly fitting safety goggles (chemical goggles) and face shield .

General safety and hygiene measures: Wear protective clothing as necessary to minimize contact . Handle in accordance with good industrial hygiene and safety practice.

Physical and Chemical Properties

This mixture typically exhibits the following properties under normal circumstance:

Appearance: Liquid

Odor: N/D

Vapor Pressure: N/D

Odor threshold: N/D

Vapor Density: N/D

pH: N/D



Density: 8 lb/gal	Solubility: N/D
Boiling point: N/D	Flash point: -20°C
Evaporation rate: N/D	Flammability: Yes
Explosive Limits: N/D	Partition coefficient (n- N/D octanol/water):
Autoignition temperature: 465 °C	Decomposition temperature: N/D
Viscosity: 52 cp	Grams VOC less water: 63 g/L

Stability and Reactivity

Stability: The product is stable if stored and handled as prescribed/indicated STABLE

Incompatible materials: Oxidizing agents

Hazardous Decomposition: No hazardous decomposition products if stored and handled as prescribed/ indicated

Hazardous polymerization will not occur.

Toxicological Information

Mixture Toxicity

Inhalation Toxicity LC50: 3,745mg/L

Component Toxicity

Primary routes of entry: Ingestion, Inhalation, Eye or Skin contact.

CAS Number Description % Weight None

Carcinogen Rating No Data Available

Ecological Information

Component Ecotoxicity

Acetone Acute Fish Toxicity (ACETONE) LC50 / 96 hours Rainbow Trout 5,540 mg/L

1,2,4-Trimethylbenzene Toxicity to fish: flow-through test LC50 - Pimephales promelas (fathead minnow) - 7.72 mg/l - 96.0 h

Toxicity to daphnia and other aquatic invertebrates: static test EC50 - Daphnia magna (Water flea) - 3.6 mg/l - 48 h (OECD Test Guideline 202)

Disposal Considerations

Waste disposal of substance:

Do not discharge into drains/surface waters/ groundwater. Must be disposed of or incinerated in accordance with local regulations.

Container disposal:

Dispose of in a licensed facility. Recommend crushing, puncturing or other means to prevent unauthorized use of used containers. Flammable vapors may exist in containers in which residues of this product remain.