SAFETY DATA SHEET

Issue Date: August 15, 2019 **Revision Date: Rev 0** **Version: 2019**

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Formex Paver LOC WB Joint Stabilizer

Recommended Use: Joint stabilizing sealer for interlocking pavers and stone
Restrictions on Use: No Data

Supplier of the Safety Data Sheet including Address:
Formex
1175 Frances St.
London, Ontario N5W 2L9

Telephone Numbers
Company Phone Number: Phone: 519-453-4300

Emergency Telephone: ChemTrec 800-424-9300

2. HAZARDS IDENTIFICATION

Emergency Overview

OSHA Hazards:

Causes eye irritation, may be harmful if swallowed, may be harmful if inhaled, may cause respiratory irritation, may cause an allergic skin reaction, may cause skin irritation.

GHS Classification:
Eye damage/eye irritation – Category 2B
Acute toxicity, Oral – Category 5
Acute toxicity, Inhalation – Category 5
Specific Target Organ toxicity – single exposure: Category 3
Sensitization – Skin: Category 1A

Label Elements, including precautionary statements

Pictograms: 

Signal Word: WARNING

Hazard Statements:

H303	**May be harmful if swallowed**
H317	**May cause an allergic skin reaction**
H320	**Causes eye irritation.**
H333	**May be harmful if inhaled.**
H335	**May cause respiratory irritation.**

Precautionary Statement(s)

Prevention:

P261	**Avoid breathing dust/fume/gas/mist/vapours//spray.**
P264	**Wash hands and skin thoroughly after handling.**
P271	**Use only outdoors or in a well-ventilated area.**
P272	**Contaminated work clothing should not be allowed out of the workplace.**
P280	**Wear protective gloves.**

Response:

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 or attention.**
P312	**If swallowed: Call a POISON CENTER/doctor if you feel unwell.**
P302+P352	**IF ON SKIN: Wash with plenty of soap and water.**
P333+P313	**If skin irritation or rash occurs: Get medical advice or attention.**
P362+P364	**Take off contaminated clothing and wash before reuse.**
P304+P340+P312	**IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.**

Storage:

P403+P233	**Store in a well-ventilated place. Keep container tightly closed.**
P405	**Store locked up.**

Disposal:

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

Hazards not otherwise classified: May cause skin irritation.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Component

Water – Non Hazardous	CAS#: 7732-18-5	70-75%
Acrylic Polymer – Non Hazardous	CAS#: 25133-98-6	25%
Trimethylpentanediol Monoisobutyrate	CAS#: 25265-77-4	1-3%
Tetrahydro-1,4-oxazine	CAS#: 110-91-8	≤0.5%
S Triazine 1,3,5 (2H,4H,,6H) Triethanol	CAS#: 4719-04-4	≤0.1%

Ingredients not listed on this safety data sheet are considered to be non-hazardous according to OSHA 1910.1200 or are not present above their cutoff levels. Where a range is displayed, the exact percentage of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

First Aid Measures

General Advice: Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

Inhalation: IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell. If not breathing, give artificial respiration. Consult a physician.

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

Ingestion: IF SWALLOWED: Do NOT induce vomiting. Never give anything by mouth to an unconscious person. If conscious, rinse mouth with water. Call a POISON CENTER/doctor if you feel unwell.

Skin Contact: Wash off with soap and plenty of water. If skin irritation occurs: Get medical advice or attention.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media
Product is not combustible. Use water spray (fog), alcohol-resistant foam, dry chemical, or carbon dioxide for surrounding fire.

Specific Hazards Arising from the Chemical
None Known

Hazardous Combustion Products
Carbon oxides

Protective Equipment and Precautions for Firefighters
Wear self-contained breathing apparatus and full protective gear for firefighting.

Further Information
See Section 7 for safe handling and storage.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures
In case of spill wear appropriate personal protective equipment during any cleanup and response activities. Avoid skin contact and inhalation.

Environmental Precautions
Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

Methods and Material for Containment and Cleaning Up
Dike and contain spill with inert absorbent materials. Soak up with inert material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

7. HANDLING AND STORAGE

Precautions for Safe Handling
Avoid contact with skin and eyes. Avoid inhalation of vapour or mist.

Conditions for Safe Storage, Including any Incompatibilities
General information: Keep at a temperature not exceeding 38 Degrees C (100 Degrees F). Do not allow material to freeze. Keep container tightly closed in a dry and well ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Safe Storage: No Additional Data

Incompatibilities: None known

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines
Component Exposure Limit
Tetrahydro-1,4-oxazine: ACGIH TWA 20 ppm, OSHA TWA 20 ppm

Appropriate Engineering Controls
Local Ventilation: Recommended
General Ventilation: Recommended

Individual Protection Measures, such as Personal Protective Equipment

Eye/Face Protection: Use proper protection – Safety Glasses as a minimum

Skin and Body Protection: Wash at mealtime and end of shift. Skin contact must be avoided by using impervious protective clothing (gloves, aprons, boots, etc.). Use chemical protective gloves as a minimum and wash skin promptly upon any skin contact.

Respiratory Protection: Use respiratory protection unless adequate local exhaust ventilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines. Where concentrations are above recommended limits or are unknown, appropriate respiratory protection should be worn. Follow OSHA respirator regulations (29 CFR 1910.134) and use NIOSH/MSHA approved respirators.
Note: Trace amounts of monomers may be released during use of this material. Use adequate ventilation to keep vapour concentrations below applicable standard.

General Hygiene Considerations
Handle in accordance with good industrial hygiene and safety practice. Wash hands before & after breaks and work day.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

Physical State
Appearance: Liquid
Color: White (Dries Clear)
Odor: Mild, Slight Ammonia
Odor threshold: No Data

Property	Value	Remarks – Method
Vapor Pressure	Not Available	
Vapor Density	Not Available	
Relative Density	Not Available	
pH:	8-9	
Melting/Freezing Point	Freezing Point 32 Degrees F (0 Degrees C)	
Solubility	Miscible in water	
Evaporation Rate	Not Available	
Flash Point	≥212 Degrees F (>100 Degrees C)	Closed Cup
Flammability Limits	Not Relevant	
Flammability (Solid, gas)	Not Relevant	
Auto Ignition Temperature	Not Available	
Initial Boiling Point/Boiling Range	Boiling Point 212 Degrees F (100 Degrees C)	
Decomposition Temperature	Not Available	
Viscosity	Not Available	
Specific Gravity	1.03 +/- 0.01	Density: 8.55 lb./gal. +/- 0.1

10. STABILITY AND REACTIVITY

Chemical Stability: Stable

Possibility of Hazardous Reactions:
No Data Available.

Conditions to Avoid: None known

Incompatible Materials: None known

Hazardous Decomposition Products: Carbon oxides

11. TOXICOLOGICAL INFORMATION

Likely Routes of Exposure: Inhalation, Skin Contact, Eye Contact, Ingestion

Symptoms of Exposure:

Ingestion may cause nausea, vomiting and diarrhea.

Exposure causes mild skin irritation. Exposure causes eye irritation.

Depending on concentration of residual monomers (typically <0.1%), vapors can collect above the liquid in closed containers. These vapors may result in eye and upper respiratory tract irritation.

Numerical measures of toxicity: No Data Available

Delayed and Immediate Effects as well as Chronic Effects from Short and Long-Term Exposure

Carcinogenicity: IARC, ACGIH, NTP, OSHA

No components of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen.

Specific target organ toxicity: Single exposure – Category 3, Respiratory System,

May cause respiratory irritation.

12. ECOLOGICAL INFORMATION

Eco toxicity: No Data Available

Persistence and Degradability: No Data Available

Bioaccumulation: No Data Available

Mobility: No Data Available

Other Adverse Effects: No Data Available

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal of Wastes: This product is not expected to be a hazardous waste under RCRA. Dispose of in conformance with all federal, state and local regulations.

Contaminated Packaging: Dispose of as unused material.

14. TRANSPORT INFORMATION

D.O.T.: Not Regulated

I.M.D.G.: Not Regulated
Marine Pollutant: No

I.A.T.A.: Not Regulated

15. REGULATORY INFORMATION

International Inventories
TSCA: All chemical substances in this material are included on or exempted from listing on the TSCA Inventory of Chemical Substances.

US Federal Regulations
SARA 302: None Known
SARA 311/312 Hazard Categories: Acute Health Hazard
SARA 313 Hazard Components: None Known

CWA (Clean Water Act): None Known

Supplemental State Compliance Information
California:
This product does not contain any chemical(s) listed by the State of California under the Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65) as being known to cause cancer, birth defects or other reproductive harm.

New Jersey Right To Know:

CAS Number	Component Name
110-91-8	Tetrahydro-1,4-oxazine

Pennsylvania Right To Know:

CAS Number	Component Name
110-91-8	Tetrahydro-1,4-oxazine

Massachusetts Right To Know:

110-91-8	Tetrahydro-1,4-oxazine

U.S. EPA Label Information: No Data

16. OTHER INFORMATION

HMIS Classification:

Health hazard:	**1**
Flammability:	**0**
Physical Hazards:	**0**

NFPA Rating:

Health hazard:	**1**
Fire:	**0**
Reactivity Hazard:	**0**

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Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be 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 or in any process, unless specified in the text.

End of Safety Data Sheet