

SAFETY DATA SHEET (SDS)

Bound Gravel

Lucerna Co., Ltd. | 23 Suriyart Rd. Soi 4, Tumbol Naimuang, Ubonratchatani, Thailand 34000

Tel: 062-005-7933 | www.lucernapro.com

SECTION 1: Identification

Product Name: Bound Gravel

Recommended Use: Pavement binder for gravel surfaces

Restrictions on Use: Not for interior or potable water contact

SECTION 2: Hazard Identification

GHS Classification:

- Skin Irritation - Category 2
- Eye Irritation - Category 2
- Sensitization, skin - Category 1
- Specific target organ toxicity (single exposure) - Category 3

Label Elements:

WARNING

- Causes skin and eye irritation
- May cause allergic skin reaction
- May cause respiratory irritation

Precautionary Statements:

Prevention: Wear gloves, protective clothing, and eye protection. Use only outdoors or in well-ventilated areas.

Response: If on skin: wash with plenty of soap and water. If in eyes: rinse cautiously with water for several minutes.

Storage: Store in a well-ventilated place. Keep container tightly closed.

Disposal: Dispose of contents/container in accordance with local regulations.

SECTION 3: Composition/Information on Ingredients

Component	CAS Number	Percentage
Modified Amine Hardener	Proprietary	25-40%
Epoxy Resin (Bisphenol A-based)	25068-38-6	30-50%
Natural Aggregate (Stone)	N/A	20-40%

Exact composition is withheld as a trade secret.

SECTION 4: First Aid Measures

Inhalation: Move to fresh air. Seek medical attention if symptoms persist.

Skin Contact: Wash thoroughly with soap and water. Remove contaminated clothing.

Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses if present.

Ingestion: Do not induce vomiting. Rinse mouth. Seek immediate medical advice.

SECTION 5: Firefighting Measures

Suitable Extinguishing Media: Dry chemical, foam, CO2, water fog

Hazards: May emit toxic fumes under fire conditions

Protective Equipment: Wear self-contained breathing apparatus

SECTION 6: Accidental Release Measures

Use personal protection equipment.

Contain spill. Absorb with inert material (sand, soil).

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Dispose in accordance with local laws.

SECTION 7: Handling and Storage

Store in tightly closed containers.
Keep away from heat and sunlight.
Use only in well-ventilated areas.

SECTION 8: Exposure Controls/Personal Protection

Hand Protection: Chemical-resistant gloves
Eye Protection: Safety goggles
Skin/Body: Long sleeves and pants
Respiratory: Use mask if ventilation is inadequate

SECTION 9: Physical and Chemical Properties

Appearance: Viscous liquid + gravel (when mixed)
Color: Clear to amber (resin)
Odor: Mild ammonia-like or chemical odor
Boiling Point: >200 degreesC (resin)
Flash Point: >100 degreesC
Solubility: Insoluble in water (resin)

SECTION 10: Stability and Reactivity

Stable under recommended storage conditions
Avoid strong acids, bases, and oxidizers
Decomposition Products: CO, CO₂, nitrogen oxides

SECTION 11: Toxicological Information

May cause skin/eye irritation
May cause sensitization
Prolonged inhalation may cause dizziness or nausea

SECTION 12: Ecological Information

Avoid release to the environment
Resin components may be toxic to aquatic organisms

SECTION 13: Disposal Considerations

Dispose of contents and container in accordance with local regulations.
Do not pour into drains or soil.

SECTION 14: Transport Information

UN Number: Not classified as dangerous
Transport Hazard Class: Non-regulated
Packaging: Secure, sealed containers

SECTION 15: Regulatory Information

Product contains components that may require reporting under national chemical inventories (e.g., TSCA, REACH)

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SECTION 16: Other Information

Prepared by: Lucerna Co., Ltd.

Issue Date: June 2023

Disclaimer: The information provided is believed to be accurate but is not guaranteed. Users are responsible for safe handling in accordance with local laws.