

Kastar Nano Anti-slip liquid MSDS Chemical Safety Data Sheet

1. Chemicals and Company Logos

- Chemical Name: Nano Anti-slip Agent
- Manufacturer: **Kater Adhesives Industrial Co., Ltd**
- Address: Songxia Industrial Park, Songgang Town, Foshan, China
- Chemical Type: Mixture

2. Ingredients/Composition Information

- Main ingredients: weak acid solution and anti-slip additives
- Concentration or concentration range: $\geq 45\%$
- CAS No.: 77-92-9 ; 7732-18-5

III. Hazard Overview

- Hazard Classification: Low Hazard Chemicals
- Entry routes: Eye contact, skin contact, ingestion (accidental ingestion)
- Health Hazards: Weakly acidic solution may cause mild irritation to skin and eyes.
- Environmental hazards: Harmless to the environment under normal use.
- Explosion hazard: not flammable or explosive.

IV. First aid measures

- Eye contact: Rinse immediately with plenty of water and seek medical attention.
- Skin contact: Rinse with plenty of water and seek medical attention if you feel unwell.
- Ingestion: Get medical attention immediately.

V. Firefighting measures

- Fire extinguishing media: water, foam, dry powder fire extinguisher.
- Unsuitable extinguishing media: None.
- Individual protection for firefighters: wear protective clothing and respiratory protection equipment.

VI. Emergency treatment of leakage

- Emergency treatment: Rinse the leakage area with plenty of water, collect the leaked material and dispose of it properly.
- Note: Prevent leakage from entering sewers or water sources.

7. Handling and Storage

- Operation and disposal: The construction surface must be clean and dry, and the anti-slip agent must be evenly applied. After 10 minutes, rinse with plenty of water and dry.
- Storage Conditions: Store in a cool, dry place, away from fire and children.
- Incompatible materials: strong bases, strong acids.

8. Contact Control/Personal Protection

- Engineering control: Keep the construction area well ventilated.
- Respiratory protection: No special protection is required, but it is recommended to wear a dust mask when constructing in a closed environment.
- Eye protection: Wear protective glasses.
- Skin protection: Wear protective gloves.

9. Physical and chemical properties

- Appearance and properties: Colorless transparent liquid
- pH value: weak acid
- Others: It has super strong penetration and can effectively penetrate into the capillary channels on the surface of floor tiles .

10. Stability and Reactivity

- Stability: Stable
- Incompatible materials: strong bases, strong acids
- Conditions to avoid: High temperature, fire
- Hazardous Polymerization: None
- Decomposition products: None

11. Toxicology Information

- Acute toxicity: Low toxicity
- Irritation: Slightly irritating to skin and eyes
- Sensitivity: Not available
- Subacute and chronic toxicity: Not available
- Mutagenicity: Not available
- Teratogenicity: Not available
- Carcinogenicity: Not available

12. Ecological Information

- Biological effects: harmless to the environment under normal use
- Biodegradability: easily degradable
- Bioaccumulation: Not easy to accumulate
- Environmental migration: not easy to migrate
- Other harmful environmental impacts: None

13. Waste Disposal

- Waste nature: general industrial waste
- Waste disposal method: Dispose in accordance with the requirements of local environmental protection departments.
- Note: Prevent leakage and environmental pollution.

14. Transportation Information

- Transportation requirements: transport as ordinary cargo
- Transportation precautions: Prevent leakage and contamination.

15. Regulatory Information

- the national standards "Establishment of Material Safety Data Sheet (MSDS) for Nanomaterials" , " Limits of Hazardous Substances in Interior Decoration and Renovation Materials and Interior Wall Paints " , and " Standard Test Methods for Drinking Water " .
- International regulations: Comply with the requirements of the Globally Harmonized System of Classification and Labelling of Chemicals (GHS) .

Note:

- Please keep the construction area well ventilated during construction.
- Please wear personal protective equipment such as protective glasses and protective gloves during construction.
- During outdoor construction, construction is prohibited on rainy days.
- After construction is completed, it is normal if the tile surface becomes lighter or matte in color.