MATERIAL SAFETY DATA SHEET

Issue Date : 2017/10  Issue no.: 24E

1. IDENTIFICATION OF THE PREPARATION AND OF THE COMPANY
Commercial Product Name: LNS-5026
Application of the substance: Mold release agent
Manufacture: HBT Rubber Industrial Co., Ltd

2. INFORMATION ON INGREDIENTS
Chemical composition: mixture of water-based resin and silicone

3. HAZARDS IDENTIFICATION
This product belongs to non-dangerous goods.

4. FIRST AID MEASURES
General information: No special measures required.
* After inhalation: Supply fresh air; consult doctor in case of complaints.
* After skin contact: Wash skin with plenty of water. Generally the product does not irritate the skin.
* After eye contact: Rinse opened eye for several minutes under running water.
* After swallowing: Rinse out mouth and then drink plenty of water.

5. FIRE-FIGHTING MEASURES
Protection against Fire and Explosions: No special requirements
Suitable Fire Extinguishing Media: Water, foam
Non Suitable Media: None
Special Exposure Hazards: None

6. ACCIDENTAL RELEASE MEASURES
Spilled preparation should be removed immediately.
Do not allow the undiluted product to enter municipal sewers / surface / ground water systems.
Methods and material for containment and cleaning up: Pick up mechanically.
Reference to other sections: No dangerous substances are released.

7. HANDLING AND STORAGE
Precautions for safe handling: No special measures required.
Information about fire - and explosion protection: No special measures required.
Conditions for safe storage, including any incompatibilities: Storage:
* Requirements to be met by storerooms and receptacles: No special requirements.
* Information about storage in one common storage facility: Not required.
* Further information about storage conditions: None.
* Maximum storage temperature: 40 ℃
* Minimum storage temperature: 0 °C
  Specific end use(s): No further relevant information available.
  Additional information about design of technical facilities: No further data.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Recommended Personal Protective Equipment: Not required.
Hand Protection: Impermeable gloves
Eye Protection: Protective glasses or eye shield
Clothing: Wear suitable protective clothing

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White liquid.  Odour: Characteristic
pH-value at 20 °C: 5.5-8.5
* Change in condition
Melting point/Melting range: Undetermined.
Boiling point/Boiling range: Undetermined.
* Flash point: > 100 °C
* Self-igniting: Product is not selfigniting.
* Danger of explosion: Product does not present an explosion hazard.
* Density: 0.9-1.1
* Solubility in / Miscibility with water: Fully miscible.

10. STABILITY AND REACTIVITY

This material is stable under normal conditions of use.
Conditions to Avoid: None
Materials to Avoid: None
Hazardous Decomposition Products: None

11. TOXICOLOGICAL INFORMATION

Literature data state LD-50(Oral rat) > 2g/kg b.w. classifies the preparation as "non-toxic".
Primary irritant effect:
* on the skin: No irritating effect.
* on the eye: No irritating effect.
* Sensitization: No sensitizing effects known.

12. ECOLOGICAL INFORMATION

LC-50(fish) > 100 mg/l, EC-50/48 h > 100 mg/l (daphnia)
Persistence and degradability >70% OECD 302 B
* COD (Std Method 5220 D): 350 mg/g
* MBAS: 0 mg/g
* BiAS: 0 mg/g
Bioaccumulative potential No further relevant information available.
Mobility in soil No further relevant information available.
which classifies the preparation as "nondangerous" to the environment.

13. DISPOSAL CONSIDERATIONS
No special disposal method required, except that in accordance with current local authority regulations.

14. TRANSPORT INFORMATION
UN No: Not applicable Sea: Not applicable
Road/Rail: Not applicable Air: Not applicable

15. REGULATORY INFORMATION
The preparation is a non-dangerous preparation.
Labelling: Xn (harmful)
R-42 : May cause sensitization by inhalation
R-43 : May cause sensitization by skin contact
S-23 : Do not breathe spray.
S-24 : Avoid contact with skin
S-36/37 : Wear suitable protective clothing and gloves.

16. OTHER INFORMATION
The information contained in this Material Safety Data Sheet, as of the issue date, is believed to be true and correct. However, the accuracy or completeness of this information and any recommendations or suggestions are made without warranty or guarantee.
Since the conditions of use are beyond the control of our company, it is the responsibility of the user to determine the conditions of safe use of this preparation. The information in this sheet does not represent analytical specifications, for which please refer to our Product Specification.