1. Chemical Product and Company Identification

Product name: Vinyl chloride vinyl acetate vinyl alcohol terpolymer resin (LPOH)
Company: Wuxi Honghui Chemical Co., Ltd
Address: Songshan, Houqiao, Anzhen Town, Wuxi, Jiangsu, P. R. China.
Tel no.: 0086-510-88721566
Fax no.: 0086-510-88727934
Chemical Family: \((\text{CH}_2\text{CHCl})_m(\text{CH}_2\text{CHOCHOCH}_3)_n\)
Date issued: 24/Jan/2006

2. Information on Ingredients

<table>
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<tr>
<th>Ingredient</th>
<th>Concentration</th>
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<tr>
<td>Vinyl chloride vinyl acetate vinyl alcohol terpolymer resin (UMOH)</td>
<td>100%</td>
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</table>

CAS NO: 25086-48-0

3. Hazards Identification

Hazards Identification: This substance is considered to be non-hazardous for transport.
Emergency Overview:
Caution: May cause irritation to eyes and skin.

4. First Aid Measures:

Skin Exposure: In case of contact, immediately wash skin with soap and copious amounts of water. If irritation persists, call a physician.
Eye Exposure: In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician.
Inhalation Exposure: If inhaled, remove to fresh air. If necessary, get medical attention.
Oral Exposure: Immediately wash out mouth with water provided person is conscious. Call a physician.

5. Fire Fighting Measures:

Flash point: Not applicable
**Extinguishing Media:** In case of fire, use water, dry chemical, CO2, or alcohol foam

**Unusual fire and Explosion Hazards:** This material as normally packaged and handled can contain sufficient fines to form an explosive mixture if dispersed in a sufficient quantity of air. Surfaces that may be covered with this product will become extremely slippery upon application of water.

**Fire Fighting Equipment** Fire fighters and others exposed to products of combustion should wear self-contained breathing apparatus. Equipment should be thoroughly decontaminated after use.

6. **Accidental Release Measures:**
   **Procedures of Personal Precautions:**
   Exercise appropriate precautions to minimize direct contact with skin and eyes.
   **Methods for cleaning up:**
   Sweep up with spade and transfer to a dry, clean, lidded container for disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.

7. **Handling and Storage:**
   **Handling:**
   Wear appropriate protective clothing and gloves. Avoid breathe dust. Avoid contact with eyes, skin and clothing. Avoid prolonged or repeated exposure. Mechanical exhaust required. Keep away from ignition sources, heat and flame. Incompatibilities: strong acids and food. No smoking at working site.
   **Storage:**
   Store in a cool, well-ventilated area. Keep away from ignition sources, heat and flame. Store in a tightly closed container. Incompatibilities: strong acids and food.

8. **Exposure controls/personal protection:**
   **Eye Protection:** This product does not cause significant eye irritation or eye toxicity requiring special protection. Use good industrial practice to avoid eye contact.
   **Skin Protection:** Although this product does not present a significant skin concern, minimize skin contamination by following good industrial practice. Wearing protective gloves is recommended. Wash hands and contaminated skin thoroughly after handling.
   **Respiratory protection:** Avoid breathing dust. Use NIOSH/MSHA approved respiratory protection equipment when airborne exposure limits are exceeded (see below). Consult the respirator manufacturer to determine appropriate type equipment for a given application. Observe respirator use limitations specified by NIOSH/MSHA.
Ventilation: Provide natural or mechanical ventilation to control exposure levels below airborne exposure limits (see below). The use of local mechanical exhaust ventilation is preferred at sources of air contamination such as open process equipment. Consult NFPA Standard 91 for design of exhaust systems.

Airborne Exposure limits: OSHA and ACGIH have not established specific exposure limits for particulates not otherwise regulated (PNOR) and particulates not otherwise classified (PNOC).

9. Physical and Chemical Properties
Molecular Weight: approximately 27,000
Appearance: white powder
Odor: slight
PH: approximately 4-5%
Bulk Density: approximately 0.6g/ml
Solubility in Water: Hardly soluble in water, slightly soluble in acetone and ethanol.

Note: These physical data are typical values based on material tested but many vary from sample to sample. Typical values should not be construed as a guaranteed analysis of any specific lot or as specifications for the product.

10. Stability and Reactivity
Stability: Product is stable under normal conditions of storage and handling. Store in a cool, dry place to maintain product performance.

Materials to Avoid: strong oxidizers
Hazardous Polymerization: will not occur

Hazardous Decomposition Products: Thermal decomposition products may include carbon dioxide and carbon monoxide.

11. Toxicological Information
Toxicity Data: No data available.

Irritation data: The dry powder may cause foreign body irritation in some individuals. Prolonged contact with the dry powder may cause drying or chapping of the skin. Excessive inhalation of dust may be annoying and can mechanically impede respiration.
12. Ecological information

No data available.

13. Disposal Considerations
Spent of discarded material is not belong to hazardous waste. Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with and afterburner and scrubber. Observe all federal, state, and local environmental regulations.

14. Transport Information
This product is not hazardous under the applicable DOT, ICAO/IATA, or IMDG regulations

Please apply the appropriate regulations to properly classify your shipment for transportation.

15. Regulatory Information

The ingredients of this product are on the TSCA Chemical Substances Inventory, the Canadian Domestic Substances List, and are included in the European Inventory of Existing Commercial Chemical Substances(EINECS)

Sara hazard notification
Hazard Categories Under Title III Rules (40 CFR 370): not applicable
Section 302 Extremely Hazardous Substances: not applicable
Section 313 Toxic Chemical(s): not applicable

Cercla Reportable Quantity: not applicable

16. Other Information

Health Fire Reactivity
NFPA Rating: 0 1 0
HMIS Rating: 0 1 0