
SECTION V - REACTIVITY DATA

- Stability and reactivity** : Stable at ambient temperatures and pressures. Hazardous polymerisation does not occur.
- Conditions of reactivity** : None known or reported by the manufacturer.
- Incompatible materials** : Strong oxidizing agents and acids.
- Hazardous decomposition products** : None known, refer to hazardous combustion products in Section 4.

SECTION VI - TOXICOLOGICAL PROPERTIES

***** Routes of exposure and acute/chronic effects *****

<u>Exposure Limits</u>				
<u>Ingredients</u>	<u>ACGIH TLV</u>		<u>OSHA PEL</u>	
	<u>TWA</u>	<u>STEL</u>	<u>PEL</u>	<u>STEL</u>
Cross-linked sodium polyacrylate polymer	N/Av	N/Av	N/Av	N/Av

- Routes of exposure** : Skin contact; Inhalation; Eye contact; Ingestion
- Irritancy** : Moderate eye irritation; Mild skin irritation
- Potential Acute Health Effects**
- Inhalation* : Dusts may cause irritation of the mucous membranes and respiratory tract.
- Skin* : Dust may cause irritation and reddening.
- Eyes* : Mild to moderate irritation or inflammation.
- Ingestion* : May cause irritation of mouth, throat, and stomach. Gastrointestinal discomfort, nausea, vomiting, and diarrhea.
- Effects of Chronic Exposure** : Prolonged or repeated skin contact may cause drying and irritation.
- Carcinogenicity** : No components are listed as carcinogens by ACGIH, IARC, OSHA or NTP.
- Reproductive effects** : Not expected to have other reproductive effects.
- Teratogenicity** : Not expected to be a teratogen.
- Mutagenicity** : Not expected to be mutagenic in humans.
- Sensitization to material** : Not expected to be a skin or respiratory sensitizer.
- Synergistic materials** : N/Av
- Medical Conditions Aggravated By Overexposure** : Pre-existing skin, eye and respiratory disorders.

SECTION VII - FIRST AID

- Inhalation** : Immediately remove person to fresh air. If irritation persists, seek prompt medical attention.
- Skin contact** : Remove contaminated clothing. Wash exposed area thoroughly with soap and water for at least 15 minutes. If irritation or symptoms develop, seek medical attention. Wash contaminated clothing before re-use.
- Eye contact** : Immediately flush eyes with plenty of water for at least 15 minutes. If irritation persists, seek prompt medical attention.
- Ingestion** : Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. Consult a physician.

SECTION VIII - PREVENTIVE MEASURES

- Spill response/cleanup** : Individuals involved in the cleanup must wear appropriate personal protective equipment. Remove all sources of ignition. Ventilate area of release. Stop the spill at source if it is safe to do so. Cover spilled solid with inert, absorbent material, such as sand, then place in suitable, covered container for later disposal (see below). Use methods that do not generate dusts. Do not flush with water. Forms slippery/greasy layers with water. Ensure spilled product does not enter drains, sewers, waterways, or confined spaces. Notify the appropriate authorities as required.
- Methods of Disposal** : Handle according to recommendations listed below. Improper disposal can cause damage to the environment. Dispose of in accordance with federal, provincial and local hazardous waste laws.

***** PROTECTIVE EQUIPMENT *****

Ventilation and engineering measures

: Local exhaust ventilation is preferred to prevent contaminant dispersion into work area.

Respiratory protection

: Use a NIOSH approved dust respirator if dust levels exceed exposure limits. Advice should be sought from respiratory protection specialists.

Skin protection

: Impervious gloves with non-slip coating or surface. Advice should be sought from glove suppliers.

Eye / face protection

: Chemical goggles must be worn to prevent dusts from entering the eyes.

Other protective equipment

: An eyewash station and safety shower should be made available in the immediate working area. Wear protective equipment to prevent skin contact. Wash contaminated clothing before reuse.


***** STORAGE & HANDLING *****

Safe Handling procedures

: This material may be harmful. Material can create slippery conditions. Wear protective equipment for dusty conditions. Use in a well ventilated area. Do not breathe vapours/dust. Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. Keep away from heat and flame. Keep away from oxidizing agents and incompatibles. Use caution when opening cap. Keep container tightly closed when not in use.

Storage requirements

: Store in a cool, dry, well-ventilated area. Store away from incompatible materials. Storage area should be clearly identified, clear of obstruction and accessible only to trained and authorized personnel. No smoking in the area. Inspect periodically for damage or leaks. Keep containers dry and tightly closed to avoid moisture absorption and contamination.

Special Shipping Information					
Regulatory Information	UN Number	Shipping Name	Class	Packing Group	Label
TDG	None	Not regulated.	not regulated	none	
TDG Additional information	None.				

SECTION IX - PREPARATION INFORMATION

Legend

- : ACGIH: American Conference of Governmental Industrial Hygienists
- CAS: Chemical Abstract Services
- IARC: International Agency for Research on Cancer
- Inh: Inhalation
- N/Ap: not applicable
- N/Av: not available
- NTP: National Toxicology Program
- NIOSH: National Institute of Occupational Safety and Health
- OSHA: Occupational Safety and Health Administration
- PEL: Permissible exposure limit
- STEL: Short Term Exposure Limit
- TDG: Canadian Transportation of Dangerous Goods Act & Regulations
- TLV: Threshold Limit Values
- TWA: Time Weighted Average
- WHMIS: Workplace Hazardous Materials Identification System

References

- : 1. ACGIH, Threshold Limit Values and Biological Exposure Indices for 2006.
- 2. International Agency for Research on Cancer Monographs, searched 2007.
- 3. Canadian Centre for Occupational Health and Safety, CCIInfoWeb databases, 2007 (Chempendium and RTECs).
- 4. Material Safety Data Sheet from manufacturer.

Preparation Date:

: January 18, 2007

Q.S.

MSDS Preparation Date: January 18, 2007

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