

# MATERIAL SAFETY DATA SHEET

Hizone Brands, Ltd.

Product: **Leak-Knot**

Revision Date: 2/01/2012

## 1. CHEMICAL PRODUCT & COMPANY INFORMATION

Product Identifier: **Leak-Knot Incision Sealant Powder**

General Use: **Incision Sealer and Moisture Absorbent**

Hizone Brands, Ltd., 490 Bennett Road Elk Grove IL 60007 (U.S.A.)

Business Hours Phone: (847) 364 - 1590

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**Chemical Emergency only, 24 Hour / 7 Day Response Phone: (800) 535 - 5053 & (352) 323 - 3500 INFOTRAC**

## 2. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient	CAS No.	% by Wt.	Exposure Limits (ppm or mg/kg)			
			OSHA TWA	OSHA STEL	ACGIH TWA	ACGIH STEL
Poly(sodium acrylate) homopolymer	9033-79-8	15 - 20	N/E	N/E	N/E	N/E
Sodium Tetraborate	12179-04-3	8 - 12	15 mg/m <sup>3</sup> (d)	N/Av	1 mg/m <sup>3</sup> (d)	N/Av

N/E = Not Established      N/Av = Not Available  
(d) = exposure to dust  
General industry suggested maximum exposure limits for all fine dusts: 0.05 mg/m<sup>3</sup>

## 3. HAZARDS IDENTIFICATION

**EMERGENCY OVERVIEW:** May be harmful if swallowed. Dust may cause eye and respiratory tract irritation. Potentially slippery gels will form with exposure to liquid or moisture.

### POTENTIAL HEALTH EFFECTS:

**INHALATION:** Dust particles may be irritating to nose, throat, upper respiratory tract, and lungs.

**EYE CONTACT:** Dust may cause irritation and tearing.

**SKIN CONTACT:** May cause mild irritation.

**INGESTION:** May cause mild irritation of the mouth, throat, and stomach.

**CHRONIC:** Does not contain a material listed as a carcinogen or hazardous by the NTP, IARC, or OSHA.

## 4. FIRST AID MEASURES

**INHALATION:** Remove to fresh air.

**EYE CONTACT:** Flush with water for at least 15 minutes. Seek medical attention if irritation persists.

**SKIN CONTACT:** Wash with soap and water after removing contaminated clothing. Flush with additional water to remove slippery gels formed by water absorption. Seek medical attention if irritation persists.

**INGESTION:** Get medical attention immediately.

## 5. FIRE FIGHTING INFORMATION AND MEASURES

**FLASH POINT:** Not tested (only 1 dry ingredient is combustible)      **METHOD:** Pensky-Martens

**FLAMMABLE LIMITS:** Not tested      **AUTOIGNITION TEMPERATURE:** Not Available

**HAZARDOUS COMBUSTION PRODUCTS:** CO, CO<sub>2</sub>, unknown organic compounds.

**EXTINGUISHING MEDIA RECOMMENDED:** Dry chemical, Alcohol foam, CO<sub>2</sub>. Use water spray to cool all fire exposed surfaces. Allow other fire risks involved control media and method selected.

**FIRE FIGHTING INSTRUCTIONS:** Wear standard fire-fighting protective equipment. No special precautions required. The polymer component quickly absorbs water which will then rapidly swell and disperse throughout the water. This hydrated polymer will create slippery walking surfaces.

## 6. ACCIDENTAL RELEASE MEASURES

**SMALL OR LARGE SPILL:** Sweep up all material and place in a covered container. Vacuum area to capture any residual polymer to prevent liquid absorption which would cause slippery walking surfaces. Use appropriately in cadaver with fresh moisture absorbing cavity filler. Alternately, dispose at a licensed facility according to all applicable Federal, state, and local regulations. This is a non-hazardous material suitable for approved solid waste landfills.

## 7. HANDLING AND STORAGE

**HANDLING:** Use in a well-ventilated area to prevent air-borne dust accumulation. Avoid breathing dusts.

**STORAGE:** Keep in cool, well-ventilated areas between 40°F and 100°F. Keep containers closed to prevent product from absorbing humidity and clumping. Wash hands thoroughly after handling.

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## 8. EXPOSURE CONTROL / PERSONAL PROTECTION

**ENGINEERING CONTROLS:** General or local exhaust is typically required to keep dust concentrations below the nuisance exposure or fire safety limits.

**RESPIRATORY PROTECTION:** Use a NIOSH/MSHA approved high efficiency dust particle respirator if exposure limits of 0.05 mg/m<sup>3</sup> are exceeded. Follow the OSHA guidelines.

**SKIN PROTECTION:** Protective gloves recommended.

**EYE PROTECTION:** Use safety glasses or goggles as protection against dusts if ventilation is inadequate.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Boiling Range:</b>	Not Applicable	<b>Melting Point:</b>	Not Applicable
<b>Vapor Pressure:</b>	Not Applicable	<b>Vapor Density:</b>	Not Applicable
<b>Solubility in Water:</b>	8% - 12% soluble	<b>Specific Gravity:</b>	Not Known
<b>Odor:</b>	None or slight acrylate odor	<b>% Volatile by Volume:</b>	0% (powder)
<b>Appearance:</b>	Free flowing white-tan powder mixture	<b>pH:</b>	Not Applicable

## 10. STABILITY AND REACTIVITY

**CHEMICAL STABILITY (Conditions to avoid):** None.

**INCOMPATIBILITY:** Strong oxidizing agents.

**HAZARDOUS DECOMPOSITION:** CO and CO<sub>2</sub>.

**HAZARDOUS POLYMERIZATION:** Will not occur.

## 11. TOXICOLOGICAL INFORMATION

No data for this product.

## 12. ECOLOGICAL INFORMATION

No data for this product.

## 13. DISPOSAL CONSIDERATIONS

See Section 6.

This is a non-hazardous material suitable for approved non-hazardous solid waste landfills.

## 14. TRANSPORTATION INFORMATION

**DOT (ground):** Not Regulated

**ICAO / IATA (air):** Not Regulated

## 15. REGULATORY INFORMATION

**EPCRA, Sec. 313 listed materials:**

None

## 16. OTHER INFORMATION

**NFPA HAZARD RATING:** Health 1, Fire 1, Reactivity 0

**KEY:** (4 = Extreme, 3 = High, 2 = Moderate, 1 = Slight, 0 = Minimal)

(s) = Skin contact may significantly add to the overall exposure effects.

**NOTICE:** The information herein is presented in good faith and believed to be accurate and complete as of the effective date shown above. Regulatory requirements are subject to change and may differ from one location to another. It is the buyer's responsibility to ensure that its activities with this product comply with all federal, state, and local laws.