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**MSDS #14137**

**Material Safety Data Sheet**

**Revision: 1**

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**1. PRODUCT IDENTIFICATION**

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**PRODUCT NAME:** XTEND 832  
**PRODUCT CLASS:** Resin Solution  
**PRODUCT FAMILY:** Semi-Permanent Release Agent

**PRODUCT DESCRIPTION:** Proprietary resin solution comprising modified siloxane-based polymers which crosslink and form a release film upon evaporation of the solvent carrier.

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**2. COMPOSITION INFORMATION**

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COMPONENT	Amount	CAS #	
Petroleum Naphtha	5- 20%	64741-65-7	TLV: not established
Petroleum Naphtha	40- 80%	64742-49-0	TLV: 400 ppm
Aliphatic Hydrocarbon	5-10%	64741-66-8	TLV: 400 ppm
Aliphatic Hydrocarbon	3-6%	64742-48-9	TLV: 400 ppm
Di-Butyl ether	< 5%	142-96-1	TLV: not established

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**3. HAZARD IDENTIFICATION**

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**EMERGENCY OVERVIEW**

**Description:** Clear/straw colored liquid with a strong aliphatic odor. It causes irritation to eyes, skin and respiratory system. Material is highly flammable.

**HMIS Rating**

<b>Health</b>	<b>2</b>
<b>Flammability</b>	<b>3</b>
<b>Reactivity</b>	<b>0</b>

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**POTENTIAL HEALTH EFFECTS****EFFECTS OF OVER-EXPOSURE:**

- EYES:** Cause eye irritation. May be damaging to eye tissue.
- SKIN:** May cause irritation. May be absorbed through the skin leading to effects similar to ingestion and inhalation.
- INHALATION:** Inhalation of mist or vapor may cause respiratory tract irritation, headaches, dizziness and drowsiness. High concentrations may cause anesthesia, unconsciousness and other central nervous system effects, including death.  
(A standard warning for all hydrocarbons solvents).
- INGESTION:** May cause drowsiness and anemia. Nausea and vomiting may also occur.

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**4. FIRST AID MEASURES**

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- EYES:** Immediately flush with liberal amounts of water for at least 15 minutes. Get prompt medical attention.
- SKIN:** Wash affected area with detergent and water.
- INHALATION:** Remove to fresh air. If not breathing give mouth-to-mouth resuscitation. If breathing difficult, give oxygen. Call a physician
- INGESTION:** Do not induce vomiting. Call a physician immediately.

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**5. FIRE-FIGHTING MEASURES**

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- FLASH POINT:** <73°F / <23°C (C.O.C.)
- EXTINGUISHING MEDIA:** Foam, Dry chemical.
- UNUSUAL FIRE AND EXPLOSION HAZARDS:** None Known.
- FIRE FIGHTING PRECAUTIONS/INSTRUCTIONS:** Wear NIOSH approved self-contained breathing apparatus with full face piece and protective clothing to prevent contact with skin and eyes.

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**6. ACCIDENTAL RELEASE MEASURES**

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Eliminate all sources of ignition. Contain spill. If container is damaged, transfer to another closed lined metal container. Use absorbent material to collect and contain for salvage or disposal.

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**7. HANDLING AND STORAGE**

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Keep away from heat, sparks, and open flame. Do not consume food, drink or tobacco in areas where they may be contaminated by this material. Wash hands before eating, drinking or smoking.

Store in cool, dry area. Avoid high heat sources, open flame and welding arcs.

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**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

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**VENTILATION:** USE IN ADEQUATELY VENTILATED AREAS.

LOCAL EXHAUST: PREFERABLE  
MECHANICAL: ACCEPTABLE  
SPECIAL: NONE KNOWN TO AXEL PLASTICS

**SKIN PROTECTION:** USE CHEMICAL RESISTANT IMPERVIOUS GLOVES. DEPENDING UPON CONDITION OF USE, IMPERVIOUS APRON RECOMMENDED TO PREVENT SKIN CONTACT.

**EYE PROTECTION:** SAFETY GLASSES WITH SIDE SHIELDS OR GOGGLES.

**RESPIRATORY PROTECTION:** RESPIRATORY MASK IS NOT REQUIRED FOR PROPERLY VENTILATED AREAS. IF VAPOR OR MIST ACCUMULATES, USE **NIOSH** APPROVED RESPIRATOR.

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**9. PHYSICAL AND CHEMICAL PROPERTIES**

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<b>PHYSICAL STATE:</b>	Liquid
<b>COLOR:</b>	Straw
<b>ODOR:</b>	Aliphatic
<b>pH VALUE:</b>	Not applicable
<b>BOILING POINT:</b>	201 – 383°F / 94 – 195°C Approx.
<b>FLASH POINT:</b>	<73°F / <23°C (C.O.C.)
<b>MELTING POINT:</b>	Not applicable
<b>SPECIFIC GRAVITY @ 25°C:</b>	0.71
<b>VISCOSITY @ 25°C:</b>	< 15 cps
<b>SOLUBILITY IN WATER:</b>	Insoluble
<b>PERCENTAGE VOLATILE:</b>	99%
<b>EVAPORATION RATE:</b>	< 1 (n-BuAc = 1)

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**10. STABILITY AND REACTIVITY**

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**STABILITY:** Stable.

**INCOMPATIBILITIES:** Moisture and heat. Do not expose to water, strong acids, oxidants or alkalis.

**HAZARDOUS POLYMERIZATION:** Will not occur.

**HAZARDOUS DECOMPOSITION:** Combustion in the presence of air may yield carbon Dioxide, carbon monoxide and oxides of nitrogen and formaldehyde.

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**11. TOXICOLOGICAL INFORMATION**

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**ACUTE TOXICITY:**

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**12. ECOLOGICAL INFORMATION**

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The information given is based on data available for at least one of the components of this product.

**Ecotoxicity – Material is expected to be toxic to aquatic organisms. May cause long-term adverse effects in the aquatic environment.**

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**13. DISPOSAL CONSIDERATION**

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The transportation, storage, treatment and disposal of this material must be conducted in compliance with all applicable National and Local regulations.

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**14. TRANSPORT INFORMATION**

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<b>PROPER SHIPPING NAME:</b> Resin Solution	<b>UN No</b>	<b>: 1866</b>
<b>D.O.T. HAZARD CLASS</b> : 3	<b>ADR/RID (ROAD/RAIL):</b>	
<b>D.O.T. ID NUMBE</b> : UN-1866	<b>IMO (OCEAN)</b>	:
<b>D.O.T. HAZARD NAME</b> : FLAMMABLE LIQUID	<b>PACKAGING GROUP</b>	<b>: II</b>
	<b>IATA (AIR)</b>	:

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**15. REGULATORY INFORMATION**

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All components in this product are on the **TSCA (USA) and DSL (Canada)** regulatory lists.

All **MOLD WIZ, CLEAN WIZ & XTEND** products are proprietary, complex mixtures which, according to government regulations, are not required to be registered.

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**16. OTHER INFORMATION**

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THIS DATA IS OFFERED IN GOOD FAITH AS TYPICAL VALUES AND NOT AS A PRODUCT SPECIFICATION. NO WARRANTY, EITHER EXPRESSED OR IMPLIED, IS HEREBY MADE. THE RECOMMENDED INDUSTRIAL HYGIENE AND SAFE HANDLING PROCEDURES ARE BELIEVED TO BE GENERALLY APPLICABLE. HOWEVER, EACH USER SHOULD REVIEW RECOMMENDATIONS IN THE SPECIFIC CONTEXT OF THE INTENDED USE AND DETERMINE WHETHER THEY ARE APPROPRIATE.

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