

# Material Safety Data Sheet

Leather Magic Inc.  
1610 Walkup Ave.  
Monroe, NC 28110  
704-283-5078

**Effective Date: 6/14/01**

## 1. PRODUCT IDENTIFICATION

**Trade Name:** Leather Repair Compound  
**Product Code:** DT-152  
**Chemical Family:** Aqueous polyurethane emulsion  
**Intended Use:** Filler

## 2. HAZARDOUS COMPONENTS / INGREDIENT INFORMATION

CAS#	CHEMICAL IDENTITY	EXPOSURE LIMITS				CARCINOGEN STATUS		
		ACGIH		OSHA		IARC	NTP	OSHA
		TWA	STEL	STEL	PEL			
000872-50-4	1-Methyl-2-pyrrolidinone	NE	NE	NE	NE	N	N	N
	Concentration: 4.00 % by wt							

NE = Not Established  
N=No

## 3. HAZARDS IDENTIFICATION

### **HMIS Hazard Classification:**

**Health:** 2\*

**Flammability:** 0

**Reactivity:** 0

**Personal Protection:**

**Emergency Overview:** Handle as a mild to moderate eye and skin irritant. Overexposure can cause respiratory sensitization or dermal sensitization.

**Eye:** Direct contact may be moderately irritating. May cause tearing, reddening and/or swelling.

**Skin Contact:** Mild to moderately irritating. Prolonged or repeated contact may result in defatting and drying of the skin causing skin irritation and dermatitis (rash). Repeated or prolonged exposures can lead to dermal sensitization.

**Ingestion:** No hazard expected in normal use.

**Inhalation:** Slightly irritating. May cause respiratory sensitization with prolonged or repeated exposure to vapors or mists.

**Additional Hazards:** Triethylamine may be generated during the curing process. Triethylamine is corrosive to the eyes and skin and may cause burns resulting in permanent damage. Triethylamine is considered toxic if absorbed through the skin {Dermal LD50 (rabbit) 570 mg/kg} and is toxic if swallowed {Oral LD50 (rat) 460 mg/kg}.

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### Triethylamine Exposure Limits:

25 ppm TW A OSHA  
1 ppm(skin) TW A ACGIH  
3 ppm STEL ACGIH

### 4. FIRST AID MEASURES

**Eyes:** In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Obtain medical attention.

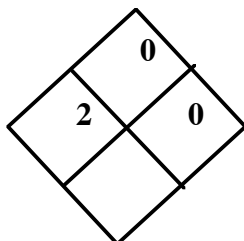
**Skin:** Immediately wash skin with soap and plenty of water. Remove contaminated clothing. Obtain medical attention immediately if symptoms occur. Wash clothing before reuse.

**Ingestion:** If swallowed, get medical attention immediately. Only induce vomiting if directed by a physician. Never give anything by mouth to an unconscious person.

**Inhalation:** Remove to fresh air. If not breathing, give CPR. If breathing is difficult, give oxygen. Get immediate medical attention.

### 5. FIRE FIGHTING MEASURES

#### NFPA Hazard Classification:



**Fire Fighting Extinguishing Media:** Use water spray or fog, foam, dry chemical or CO<sub>2</sub>.

**Fire Fighting Instructions:** As in any fire, wear self-contained positive-pressure breathing apparatus, (MSHA/NIOSH approved or equivalent) and full protective gear. Containers can build up pressure if exposed to heat (fire). Cool with water spray.

**Other Flammable Properties:** Can burn in fire forming carbon dioxide, carbon monoxide and oxides of nitrogen.

### 6. ACCIDENTAL RELEASE MEASURES

**Accidental Release Measures:** Ventilate area. Absorb spill with inert material and place in a chemical waste container. Obey relevant local, state and federal laws and regulations. Do not contaminate any lakes, streams, ponds, groundwater or soil. Use personal protective equipment as described in Section 8.

**7. HANDLING AND STORAGE**

**Special Handling:** Wash thoroughly after handling. Follow all MSDS/label precautions even after container is emptied because it may retain product residues. A void breathing vapor or mist.

**Special Storage:** Store in a cool, dry place. Keep container closed when not in use. Keep from freezing.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Personal Protective Equipment:** A safety shower and eye wash fountain should be readily available. To identify additional Personal Protective Equipment (PPE) requirements, it is recommended that a hazard assessment in accordance with the OSHA PPE Standard (29CFR 1910.132) be conducted before using this product.

**Eye Protection:** Wear safety glasses with side shields.

**Skin Protection:** Use impermeable gloves to minimize skin contact.

**Respiratory Protection:** A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirators use.  
Engineering Controls: Use adequate ventilation.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Appearance:** V iscosus liquid or paste  
**Color:** White to off-white  
**Odor:** Mild, characteristic odor  
**Solubility in Water:** Miscible  
**Specific Gravity:** .647  
**Evaporation Rate:** Not available  
**Vapor Density:** Is heavier than air  
**pH:** 8 - 9 @ 100.0%  
**Volatile(s):** Not evaluated  
**Other Properties:** Solids 30 +/- 1 %

**10. STABILITY AND REACTIVITY**

**Stability:** This product is stable under normal storage conditions.  
**Hazardous Polymerization:** Will not occur under normal conditions.

**11. TOXICOLOGICAL INFORMATION**

**Toxicology Information:** Component Toxicological Information:

Chemical Name	Oral LD50 (rat)	Dermal LD50 (rabbit)	Inhalation LC50 (rat)
1-Methyl-2-pyrrolidinone	4200 mg/kg	8000 mg/kg	Not Available

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**Other Toxicological Information:** In animal studies in rats and mice, N-methylpyrrolidinone (NMP) (CAS No. 872-50-4) was embryotoxic by the oral and intraperitoneal routes at very high dose levels which were close to the LD(50). In a dermal exposure study with rats, NMP was only embryotoxic at the high dose level; this effect was attributed to maternal toxicity.

### 12. ECOLOGICAL INFORMATION

**Ecological Information:** Adopt sound work practices so that the product is not released into the environment.

### 13. DISPOSAL CONSIDERATIONS

**Waste Disposal Methods:** Waste must be disposed of in accordance with federal, state and local regulations. Incineration is the preferred method.

### 14. TRANSPORT INFORMATION

**Reportable Quantity:** Not applicable  
**Department of Transportation:** Not regulated

### 15. REGULATORY INFORMATION

**OSHA Status:** This document has been prepared in accordance with the MSDS requirements of the OSHA Hazard Communication Standard.

**TSCA Inventory Status:** This product or its components are listed in or exempt from the TSCA inventory requirements.

**California Proposition 65:** This product contains the following substances known to the State of California to cause cancer: None  
This product contains the following substances known to the State of California to cause adverse reproductive effects: None

**Additional Information:** This product contains the following non-hazardous components:

Chemical Name	CAS Number	Wt. %
Water	007732-18-5	65
Polymer of HMDI, PCL, PPG, DPA and TEA	P93-416	31

**TSCA 12(b) Export Notification:** This product contains the following substances subject to export notification under Section 12(b) of TSCA:

Chemical Name	CAS Number
1- Methyl-2-pyrrolidinone	000872-50-4

**SARA Title III: Section 311/312 - Hazardous Chemical(s):** Hazard Classifications: Immediate (acute) and Delayed (chronic)

**SARA Title III: Section 313 - Toxic Chemical(s):** This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:

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Chemical Name	CAS Number	Wt. %
1-Methyl-2-pyrrolidinone	000872-50-4	4

**New Jersey Right-to-Know:** This product contains the following non-hazardous components subject to disclosure under New Jersey Right- To-Know legislation:

Chemical Name	CAS Number
Water	007732-18-5
Polymer ofHMDI, PCL, PPG, DPA and TEA	P93-416

**Pennsylvania Right-to-Know:** This product contains the following non-hazardous components subject to disclosure under Pennsylvania Right- To-Know legislation:

Chemical Name	CAS Number
Water	007732-18-5
Polymer ofHMDI, PCL, PPG, DPA and TEA	P93-416

**Other International Regulations:** Summary of International Chemical Inventory Status

Canada : Not on inventory  
Europe : On inventory

### 16. OTHER INFORMATION

**MSDS No:** 654  
**Approved By:** Jim Biles  
**Approval Date:** 6/14/01  
**Supersedes Date:** 10/12/98

**Other Information:** Key to Abbreviations Used:

NA Not Applicable  
NE Not Established  
NJTSR No. New Jersey Trade Secret Registry Number

**Disclaimer:** The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind expressed or implied is made with respect to the information contained herein. This material safety data sheet was prepared to comply with the OSHA Hazard Communication standard (29 CFR 1910.1200).  
This supersedes any previous information.