



# ABATRON, INC.

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24 Hr Emergency No. 800-424-9300

# Material Safety Data Sheet

## Section 1: Product Identification

Product Name: **BESTBOND**  
Product Code: L951012-6  
Class: Aqueous Polyurethane Dispersion  
Type: Adhesive

## Section 2: Hazardous Ingredients

Ingredient Name:	CAS Number:
1. n-Methyl Pyrrolidinon(nMP)	872-50-4
2. Triethylamine (TEA)	121-44-8

## Section 3: Physical Properties

Physical Form: Liquid  
Color: Translucent colorless  
Odor: Slight solvent odor  
pH: 7.5-9.0  
Boiling Point: 212 °F  
Solubility in Water: Disperses  
Specific Gravity: 1.07  
% Volatile by weight: Appr. 65%  
Vapor Pressure: nMP 0.29 mmHg @ 20 °C  
Vapor Density: nMP: 3.4 (AIR = 1)

## Section 4: Fire and Explosion Data

Flash Point: Not Available (Water Based Product)

Flammable Limits:

Upper Explosive limit (UEL) (%): 12.2 nMP

Lower Explosive limit (LEL) (%): 2.2 nMP

Extinguishing Media: Carbon Dioxide, Dry Chemical, Foam, Water.

## Section 5: Health Information

Route(s) of entry: Inhalation, Skin Contact, Eye Contact, Ingestion.

**Inhalation:** nMP and TEA vapors are irritating to the eyes, nose, and throat. Symptoms of irritation may include: red itchy eyes, dry of the throat and tightness in the chest. Exposure to very high concentrations of nMP may cause headache, nausea, narcosis, fatigue, loss of appetite.

**Skin Contact:** In a repeated insult patch test using nMP 50 human subjects showed no irritation during first 24-hour exposure. How through repeated and prolonged contact, some mild transient irritation reactions were noted. No evidence pointing to sensitization was noted.

**Eye Contact:** Liquid, aerosols and concentrated vapors of nMP and TEA are severely irritating and can cause pain, tearing, reddening and swelling of the eyes. If left untreated, corneal damage can occur and injury is slow to heal.

**Ingestion:** Can result in irritation of the digestive tract. Symptoms can include sore throat, abdominal pain, nausea, vomiting and diarrhea.

**Carcinogenicity:** NTP: Not Listed

IARC: Not Listed

OSHA: Not Regulated

## Section 6: Emergency and First Aid Procedures

**Eyes:** Flush immediately with clean lukewarm water for at least 15min., while holding eyes open. If irritation persists get medical attention.

**Skin:** Remove contaminated clothing, wash affected areas thoroughly with soap and water. Wash contaminated clothing before reuse

**Inhalation:** Move to an area free from risk of further exposure. Get medical attention.

**Ingestion:** Do not induce vomiting. Consult Physician.

## Section 7: Employee Protection Recommendations

**Eye Protection:** Chemical goggles or full-face shield. Contact lenses should not be worn.

**Skin Protection:** Chemical resistant gloves.

**Respiratory Protection:** Exhaust ventilation sufficient to keep the airborne concentrations of nMP and TEA below exposure limits.

## Section 8: Reactivity Data

Stability: Stable

Hazardous Polymerization: Will not occur

Incompatibilities: Strong oxidizing or reducing agents

Decomposition products: Carbon mono- and dioxide, oxides of nitrogen.

## Section 9: Spill and Leak Procedures

Remove all sources of ignition, ventilate the area, equip clean-up crew with appropriate protective equipment. Dike or impound spill product and control further spillage if feasible. Cover spill with sawdust, vermiculite or other absorbent material; collect in open containers. Flush spill area with water.

Waste material must be disposed of in accordance with federal, state and local regulations. Material can be incinerated.

## Section 10: Special Precaution and Storage Data

Storage Temperature (MIN/MAX): 41°F/122°F

Shelf Life: At least 12 months at 77 °F in closed original container.

Special Sensitivity: Material is water-based and can freeze at temperatures below 32 °F.

**The Information herein is given in good faith, but no warranty, expressed or implied, is made.**