

MATERIAL SAFETY DATA SHEET
STICK FAST™ DE-BONDER**EMERGENCY PHONE: 1-800-255-3924****1. GENERAL INFORMATION:**

Product name:	DE-BONDER, Remove		
Chemical name:	Nitromethane		
Trade name:	NM,		
Chemical Family:	Nitroparaffin		
HMIS Code:	Health 2	Flammability 3	Reactivity 1

2. COMPOSITION:

Ingredient:	CAS #	%
Nitromethane	75-52-5	>80.0

3. CHEMICAL AND PHYSICAL PROPERTIES:

Appearance:	Clear liquid
Odor:	Mild Characteristic Odor
Specific Gravity:	1.124-1.129
Boiling Point:	101 deg C
Solubility in Water:	10.5% by weight @ 20 deg C
Vapor Density:	2.1
Vapor Pressure:	27.3 (mm Hg @ 20 deg C)
Percent Volatile:	100%
Evaporation Rate:	n-butyl acetate 100-139

4. FIRE AND EXPLOSION HAZARD DATA:

Flash Point:	96 deg F TCC
Flammable Limits:	LEL = 7.3% UEL = N/A
Extinguishing media:	Carbon Dioxide, dry chemicals, foam, water
Special Fire Fighting Procedures:	Wet down tank and containers to prevent rupture, avoid breathing vapors.
Unusual Fire and Explosion Hazards:	Sensitized by amines, alkalis, acids: can detonate by adiabatic compression. Dry alkali or amine salts are explosives

MATERIAL SAFETY DATA SHEET

STICK FAST™ DE-BONDER

EMERGENCY PHONE: 1-800-255-3924

5. HEALTH HAZARD DATA:

Threshold Limit Value	(TIV and PEL) 100ppm
Effects of over exposure:	Liquid – Prolong exposure can lead to mild irritation due to “defatting”. Only slightly toxic by ingestion. Vapor – Headache, nausea, vomiting, narcosis. Chronic overexposure may cause liver and kidney damage.
First Aid Eye:	Nonirritating. For eye contact flush with plenty of water for 15 minutes.
Skin:	Wash exposed skin with soap and water. Launder clothing contaminated with Nitromethane before reuse.
Inhalation:	Remove to fresh air. Call a physician, who may check for increased methemoglobin content.
Ingestion:	Induce vomiting by giving victim 2 glasses of water and placing finger down the throat.

6. REACTIVITY DATA:

Stability:	Stable
Conditions to avoid	Shock under heavy confinement. Adiabatic compression.
Sensitization:	Do not trap between closed valves or use positive displacement pumps to discharge Nitromethane.
Incompatibility:	Lead, copper, their alloys-amines, strong alkalis, strong acids
Hazardous Decomposition:	None
Hazardous Polymerization:	Will not occur

7. SPILL OR LEAK PROCEDURES:

Steps to be taken in case material is released or spilled:

Evacuate area and remove potential sources of spark or flame. Properly protected personnel may then attempt to contain large spills and pump to salvage. Absorb unrecoverable spills with an inert solid such as sand or earth. Flush area with water.

Disposal method:

For purposes of disposal, Nitromethane is classified by EPA as a hazardous waste. Undiluted material is EPA Hazardous Waste Number D001 characteristic of ignitability. This material must be disposed of at a permitted disposal facility, preferably by incineration. Check your local EPA regulations for proper disposal.

MATERIAL SAFETY DATA SHEET

STICK FAST™ DE-BONDER

EMERGENCY PHONE: 1-800-255-3924

8. SPECIAL PROTECTION INFORMATION:

Respiratory: Air supplied respiration or self-contained breathing apparatus in area of high vapor concentration. Do not use canister type face mask because break through is easily detected.

Ventilation: General ventilation with local exhaust in areas of high vapor concentrations.

Gloves: Rubber gloves

Eye: Safety Glasses

Protective Clothing: Rubber apron

9. SHIPPING AND HANDLING PROCEDURES:

Hazard Class or Division: Flammable Liquid, Class 3, Packing group II

Identification Number: UN# 1261

10. SPECIAL PRECAUTIONS

Precautions to be taken in handling and storage: Keep away from heat and flame. Keep container closed. Store only in original containers.

Protect from high-energy impact.

Keep away from children.

DISCLAIMER

The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of the data or the results to be obtained from the use thereof. Because the information contained herein may be applied under conditions beyond our control, we assume no responsibility for its use