

TMI PRODUCTS

248 Claridge Curve, Peachtree City, GA 30269
770-631-7897 fax: 770-755-5200 MainOffice@TMIProducts.net

Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for the specific requirements.

U. S. Department of Labor

Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072

IDENTIFY (As used on label) Stick Fast CA DeBonder:		NOTE: Blank spaces are not permitted. If any item is not applicable or no information is available; the space must be marked to indicate it.	
Section I			
Name TMI Products Inc Stick Fast Adhesives		Emergency Telephone Number 888-255-3924 813-248-0585	
Address (Number, Street, City, State and ZIP Code) 248 Claridge Curve Peachtree City, GA 30269		Telephone Number for Information (770)-631-7897 Data Prepared 03-12-2012	
Signature of Preparer (Optional)			
Section II – Hazardous Ingredients/Identity Information			
Hazardous Components (Specify Chemical Identity: Common Name(s) OSHA PEL ACGIH TLV Other Limits Recommended)			% Optional
Nitromethane	75-52-5		60-80%
Acetone	67-64-1		20-40%
Section III – Physical/Chemical Characteristics			
Boiling Point	133 ⁰ F	Specific Gravity (H2O =1)	1.06-1.22
Vapor Pressure (mm Hg)	~27.3@68 ⁰ F	Melting Point	N/A
Vapor Density (AIR = 1)	2.1	Evaporation Rate (Butyl Acetate = 1)	>1 (butyl acetate=1)
% VOC: ~40% or 368g/liter			
Solubility in Water: Slight			
Appearance and Odor: Pale yellow to colorless clear liquid with a mild ketone odor.			
Section IV – Fire and Explosion Hazard Data			
Flash Point (Method Used) >4 ⁰ F (T.C.C)	Flammable Limits	LEL Not Established	UEL Not Established
Extinguishing Media: Water spray, Foam, CO ₂ , dry chemicals			
Special Fire Fighting Procedures: Self-contained breathing gear and protective clothing			
Unusual Fire and Explosion Hazards: Flammable liquid: Vapors are heavier than air. Direct water jet will spread burning material. Combustion products are toxic and irritating. Cool sealed drums with water spray to lessen chance of rupture. Sensitized by amines, alkalis, acids: can detonate by adiabatic compression. Dry alkali or amine slates are explosive			

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Section V – Health Hazard Data			
Threshold Limit Value:			
Exposure Limits			
Component(s)	OSHA-PEL	IARC	
Acetone	250mg/m3ppm	2B carcinogen	
Effects of overexposure:			
Eyes: Severe eye irritant: redness, swelling, pain, tearing, possible impaired vision/corneal damage			
Skin: Mild skin irritant: localized redness, itching, may be absorbed through the skin with symptoms similar to inhalation			
Ingestion: Only slightly toxic by ingestion.			
Respiratory tract: Respiratory tract irritation: may include cough, sneezing, nasal discharge, headache, dizziness. May be absorbed following ingestion or inhalation and cause target organ effects.			
Target Organ Effects: Central nervous system depression: headache, dizziness, drowsiness, nausea, slowed reaction time, slurred speech, giddiness and unconsciousness. Prolonged exposure may cause liver damage.			
Emergency and First Aid Procedures:			
Eye: Immediately flush with plenty of water for at least 15 minutes, holding eyelids open at all times. Get medical attention immediately.			
Skin: For skin contact, wash with soap and water. If irritation persists, get medical attention.			
Ingestion: Induce vomiting by giving victim two glasses of water. , If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. Do not give anything orally to an unconscious person. Get medical attention or advice.			
Inhalation: Move person to fresh non-contaminated air. Oxygen or artificial respirator if needed. If the affected person is not breathing, apply artificial respiration. If symptoms develop or persist obtain medical attention.			
Toxicological Information:			
Acetone: Oral LD50: 5,800 mg/kg (rat)			
Inhalation LC50: >16000 ppm/4H (rat)			
Dermal LD50: >20,000 mg/kg (rabbit)			
Section VI – Reactivity Data			
Stability	Unstable		Conditions to Avoid
	Stable	X	Shock, adiabatic compression, sparks, and or flames, heat
Incompatibility (Materials to avoid)			
Keep away from sources of ignition. Avoid contact with strong oxidizers, reducers, acids, and alkalis.			
Hazardous Decomposition Products:			
Combustion yields Carbon Monoxide and/or Carbon Dioxide and irritant vapors or gases.			
Hazardous Polymerization	May occur		Conditions to Avoid:
	Will not occur	X	Lead, copper alloys, amines, strong alkalis, strong acids
Section VII – Spill or Leak Procedures			
Steps to be taken in case material is to be released or spilled:			
Eliminate all sources of ignition in the spill area. Permit only properly protected workers with skin and eye protection and self-contained breathing gear. Absorb small spills with absorbent material. Pump large spills into salvage tanks. Dispose of waste according to Federal, State and Local regulations.			
Waste Disposal Method:			
We make no guarantee of warranty of any kind that the use of and/or disposal of this product complies with all local, state, or federal laws. It is also the obligation of each user of the product mentioned herein to determine and comply with the requirements of all applicable statutes.			
Waste Disposal: RCA hazardous waste D001 (Ignitable). Incinerate in accordance with EPA and local regulations.			
Section VIII – Special Protective Information			
Respiratory Protection (Specify Type)			
Use NIOSH approved respiratory protection. High airborne concentrations may necessitate the use of self-contained breathing apparatus (SCBA).			
Ventilation	Local Exhaust		Special
	Recommended.		None
Use Chemical fume hood	Mechanical		Other
			None
Protective Gloves:		Eye Protection:	
Natural rubber or Neoprene Gloves		Chemical splash goggles or safety glasses with side shields.	
Other Protective Equipment:			
Protective plastic or rubber apron.			



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Section IX – Special Precautions
Precautions to be taken in handling and storing: Keep away from heat, sparks and flame. Store in a cool, dry place. Avoid contact with eyes. Avoid vapors. Wash thoroughly after handling. Keep away from children. Protect from high energy impacts.
Other Precautions: Keep container closed when not in use. Keep in a well-ventilated area
Section X – Regulatory Information
All ingredients in this product are listed or exempt from listing on the TSCA Inventory SARA 311/312: Acute Health Hazard: yes. Chronic: yes. Fire Hazard: yes Pressure: no. Reactivity: yes. California Proposition 65: Nitromethane is known to the State of California to cause cancer.
H.M.I.S HEALTH: 1 FLAMMABILITY: 3 REACTIVITY: 3
This material contains a chemical which requires export notification under TSCA Section 12b (acetone)
Section XI – Transportation Information
DOT (49 CFR 172) Proper shipping name: Nitromethane Hazard Classification: 3 UN#: 1261 Packing Group: II Hazard Label Required: Flammable Liquid
IATA Proper shipping name: Nitromethane Hazard Classification: 3 UN#: 1261 Packing Group: II Hazard Label Required: Flammable Liquid Limitations: Air Cargo Only
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