

# Material Safety Data Sheet

Hazard Rating: Least - 0      Slight - 1    Moderate - 2    High - 3    Extreme - 4  
HMIS H-1, R-0, F-2

## Section 1

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Product Name: **Fast Crack 1431 (Part B)**

## Section 2 Hazardous Ingredients/Sara III Information

Hazardous

Components	CAS #	Occupational Exposure	Limits	Vapor Press.
		OSHA PEL	ACGIH TLV MFG	mm Hg/temp
* Napthelene	91-20-3	10 ppm	10 ppm	
Petroleum Hydrocarbon	64742-94-5	n/e	n/e	100 ppm 2.3 392F

\* Indicates toxic chemical subject to the reporting requirements of section 313 of Title III and of 40 CFR 372

## Section 3 Physical & Chemical Characteristics

Boiling Pt: > 300 Degrees F      Specific Gravity(H<sub>2</sub>O=1): 1.0  
Vapor Density: Heavier than air      Evaporation: Slower than ether  
Solubility in Water: N/A      Appearance and Odor: Mild Aromatic odor - thin liquid

## Section 4 Fire and Explosion Hazard Data

Flash Point: 245 Degrees F      Method Used: PMCC  
Flammable Limits in air by volume - lower: N/A    Upper: N/A  
Extinguishing Media: Foam    CO<sub>2</sub>    Dry Chemical  
Special Fire Fighting Procedures: Wear self contained breathing apparatus with positive pressure mode, face piece, boots, gloves (Neoprene), goggles, protective clothing.  
Unusual Fire and Explosion Hazards: Closed containers may rupture due to high temperature and induced pressure.

## Section 5 Reactivity Data

Stability: Stable  
Conditions To Avoid: Heat, open flame and sparks.  
Incompatibility - materials to avoid: Isocyanates and Strong oxidizing Agent  
Hazardous Decomposition / By Products: Carbon Dioxide, Carbon Monoxide, Nitrogen Oxide trace amounts of Hydrogen Cyanide.  
Hazardous Polymerization: Will not occur.

### **Section 6 Health Hazard Data**

Inhalation Health Risks and Symptoms of Exposure: Inhalation of mists and vapors can cause dry throat and cough, dizziness, nausea, headache and fatigue. MDI can induce respirator sensation with asthma- like conditions/symptoms.

Skin and Eye Contact Health Risks and Symptoms of Exposure: Repeated skin contact may cause irritation. Eye contact will cause irritation - flush with water for 15 minutes and get medical assistance.

Skin Absorption Health Risks and Symptoms of Exposure: Repeated skin contact can cause reddening, swelling and blistering.

Ingestion Health Risks: Oral toxicity low level, can cause nausea, vomiting, diarrhea, and/or burns mouth.

Carcinogenicity: NTP: NO IARC MONOGRAPHS: NO OSHA REGULATED: NO  
Medical conditions generally aggravated by exposure: Skin and eyes sensitization.

Emergency and First Aid Procedures: Eye: Flush with water for 15 minutes. Inhalation: Take person to fresh air. If difficulty in breathing persists provide oxygen and get medical attention immediately. Skin Contact: Wash with soap and water. Ingestion: Do not induce vomiting. Consult Physician immediately.

### **Section 7 Precautions: Safe Handling & Use**

Spilled Product: Eliminate ignition sources like heat, open flame and sparks, ventilate area of spill and dike area. Cover the spill with inert absorbent and place into proper containers.

Disposal: Dispose of per Federal, State and local law permits.

Storage: Keep in cool dry area, away from heat and open flame or sparks.

Other Precautions: Individuals with respirator problems to isocyanates must not be exposed to vapors or spray mist containing isocyanates.

### **Section 8 Control Measures**

Provide adequate ventilation and keep airborne concentration below TLV limit.

NIOSH/MSH or approved respirator with organic cartridge recommended for acid/organic vapor when airborne exposure is excessive.

Ventilation: Local Exhaust: Recommended Mechanical: Recommended

Protective Gloves: Chemical Resistant Natural Rubber

Eye Protection: Chemical Safety Goggles

Clothing: Long sleeves, Lab coat or aprons.

Avoid unnecessary exposure to vapors and mists. Use protective equipment and work with a eye wash station nearby.

Regulatory Information:

TSCA: All components of this product are listed on the TSCA inventory

DOT: Not Regulated, Non Hazardous

### **Disclaimer**

The data set forth in this sheet is based on information provided by the suppliers of the raw materials and chemicals used in the manufacture of the Fast Crack 1431 product. No warranty is made with respect to the accuracy of the information provided by this companys suppliers and disclaims all liability of reliance thereof.