

MSDS - Material Safety Data Sheet

Product Name: CILBOND 41

MSDS No.: 223010

I. Basic Information:

Manufacturer: Hyperlast North America
Address: 2003 Amnicola Hwy
City, ST Zip: Chattanooga, TN 37406
Emergency Phone: 423-697-0400
Transportation Emergency Phone: Chem-trec 1-800-424-9300
Last Update: 12/13/2004



Chemical State: Liquid Gas Solid
Chemical Type: Pure Mixture

2	●	Health
3	●	Flammability
0	●	Reactivity
G		Pers. Protection

II. Ingredients:

CAS No.	Chemical Name	% Range	EHS	NTP	IARC	SUB Z	SARA 313	OSHA PEL	ACGIH TLV	Other Limits
78933	Methyl Ethyl Ketone	80-85					X	200 ppm	200 ppm	300 ppm
	Mixture of Resins, Rubber and Fillers	15-20						NE	NE	NE

III. Hazardous Identification:

Hazard Category:
 Acute Chronic Fire Pressure Reactive

Hazardous Identification Information:

Warning!

Clear, colorless liquid with a solvent odor.

Incompatible with strong oxidizers.

Avoid open flames, welding arcs, sparks and heat.

Chronic Effets

There is no evidence that exposure to Methyl Ethyl Ketone (MEK) alone causes progressive or irreversible neurotoxic effects.

IV. First Aid Measures:

Route(s) of Entry:

Inhalation, Ingestion, Skin and Eye contact.

Health Hazards (Acute and Chronic):

Acute (Short-Term)

Contact may cause skin and eye irritation. Inhalation of vapors may cause dizziness, headaches, nausea and nose and throat irritation.

Chronic (Delayed)

Excessive inhalation of methyl ethyl ketone vapors may cause numbness in the extremities. High vapor/aerosol concentrations of xylenes are irritating to the eyes and the respiratory tract and may cause headaches, dizziness, drowsiness, unconsciousness and other central nervous system effects including death.

Signs and Symptoms:

Skin and eye irritation. Inhalation of vapors may cause dizziness, headaches, nausea and respiratory tract irritation.

MSDS - Material Safety Data Sheet

Product Name: **CILBOND 41**

MSDS No.: 223010

Medical Conditions Generally Aggravated by Exposure:

None known

Emergency and First Aid Procedures:

SKIN CONTACT: Wash affected area with soap and water. Apply skin cream.

EYE CONTACT: Flush eyes with water for at least 15 minutes and contact a physician.

INGESTION: Do not induce vomiting. Keep individual calm and contact a physician.

INHALATION: Remove person to fresh air. If person is not breathing give mouth-to-mouth resuscitation and contact a physician.

Other Health Warnings:

Wash hands thoroughly after handling this material, before eating, smoking, etc.

V. Fire Fighting Measures:

Flash Point: 25°F **Lower Explosive Limit:** 1.8 **Upper Explosive Limit:** NE

Fire Extinguishing Media: Carbon dioxide, dry chemical or alcohol type foam extinguishers.

Special Fire Fighting Procedures:

Firefighters should wear a self-contained breathing apparatus and protective clothing to guard against incompletely combusted carbon products.

Unusual Fire and Explosion:

This material is a fire hazard due to its low flash point, high volatility and heavy vapors.

VI. Accidental Release Measures:

Steps to be Taken in Case Material is Released or Spilled:

Extinguish all ignition sources. Ventilate spill area and wear protective equipment. Cover liquid with an absorbent material (sawdust, vermiculite or wet sand). After the material is absorbed scoop up and place in containers for disposal.

VII. Handling and Storage:

Precautions to be Taken:

Store in a cool, dry, well ventilated area. Keep away from heat, sparks and open flames.

Other Precautions:

Ground containers when using to avoid static discharge, which could ignite solvent.

VIII. Exposure Controls/Personal Protection:

Ventilation Requirements:

Local Exhaust: Provide mechanical (general) and/or local exhaust ventilation to control airborne levels below the exposure guidelines.

Personal Protective Equipment:

RESPIRATORY PROTECTION: None required under normal conditions. Use a self-contained breathing apparatus under emergency conditions.

PROTECTIVE GLOVES: Impervious rubber gloves.

EYE PROTECTION: Wear safety glasses or goggles.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: An apron or suitable clothing to prevent skin contact.

MSDS - Material Safety Data Sheet

Product Name: CILBOND 41

MSDS No.: 223010

IX. Physical and Chemical Properties:

Boiling Point: * **Melting Point:** NA **Evaporation Rate:** 0.6
Vapor Pressure (mm Hg.): NE **Vapor Density (AIR = 1):** >1
Solubility In Water: Nil
Appearance and Odor: Clear liquid: solvent odor
Other Information: *BOILING POINT: 174-180°F
VOLATILITY @75°F: High
PERCENT VOLATILE BY VOLUME(%): 88
SPECIFIC GRAVITY: 0.93

X. Stability and Reactivity:

Stability:
Stable
Incompatibility (Materials to Avoid):
Incompatible with strong oxidizers. Avoid heat, sparks, fire and open flames.
Decomposition/By Products:
Carbon dioxide, carbon monoxide and incompletely combusted carbon compounds at elevated temperatures.
Hazardous Polymerization:
Will not occur

XI. Toxicological Information:

None Available

XII. Ecological Information:

None Available

XIII. Disposal Considerations:

Waste must be disposed of in accordance with federal, state and local environmental regulations.

XIV. Transport Information:

Box, Adhesives
3
UN 1133
PG II

Item 4620
Sub 5
DOT Shipping Class 60
Hazardous

XV. Regulatory Information:

SARA 313 INFORMATION: 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:

CHEMICAL NAME	CAS NUMBER	CONCENTRATION
Methyl Ethyl Ketone	78-93-3	80-85%

MSDS - Material Safety Data Sheet

Product Name: CILBOND 41

MSDS No.: 223010

XVI. Other Information:

The exposure limits for Methyl Ethyl Ketone CAS# 78-93-3 are as follows:
OSHA PEL: 200 ppm (590 mg/m³) TWA and 300 ppm (885 mg/m³) STEL
ACGIH TLV: 200 ppm (590 mg/m³) TWA and 300 ppm (885 mg/m³) STEL

In this document the following abbreviations were used:

NA: Not Applicable
NE: Not Established