

08/09/2001 00:49 570-473-8988

RESILITE

PAGE 02

Material Safety Data Sheet

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

QUICK IDENTIFIER
Common Name: (used on label and list)



SECTION 1 -

Manufacturer's Name **Flexabar Corporation**
Address **1969 Rutgers University Blvd.**
City, State, and ZIP **Lakewood, NJ 08701**

Emergency Telephone No. (800) 424-7300

Other Information Calls (732) 901-6500

Signature of Person Responsible for Preparation (Optional)

Date Prepared **July 16, 1999**

SECTION 2 - HAZARDOUS INGREDIENTS/IDENTITY

Hazardous Component(s) (chemical & common name(s))	OSHA PEL	ACGIH TLV	Other Exposure Limits	% (optional)	CAS NO.
MEK (Methyl Ethyl Ketone)					
$\text{CH}_3-\text{CO}-\text{C}_2\text{H}_5$		200			78-93-3
MIBK (Methyl Isobutyl Ketone)		100			108-10-1
$\text{CH}_3-\text{CO}-\text{C}_4\text{H}_9$					
Toluol ($\text{C}_6\text{H}_5-\text{CH}_3$)		200			108-88-3
Carbon Black		5mg/m ³			
Isodecyl Diphenyl Phosphate C H O P 22 31 4		3mg/m ³			29761-21-5
1. * Acetic acid ethenyl ester		5ppm, 13 mg/m ³			9003-22-9
2. * Ethene Chloro Homopolymer		5ppm, 13mg/m ³			9002-86-2

SECTION 3 - PHYSICAL & CHEMICAL CHARACTERISTICS

Bolling Point	176-241-230°F	Specific Gravity (H ₂ O=1)	.90	Vapor Pressure (mm Hg)	71/15/22
Vapor Density (Air = 1)	2.5/3.5/3.2 (MEK/MIBK/Toluol)				
Solubility in Water	Appreciable	Reactivity in Water	NA		
Appearance and Odor	Black, Aromatic Odor	Melting Point	NA		

SECTION 4 - FIRE & EXPLOSION DATA

Flash Point	20 F.	C.	Method Used	TCC	Flammable Limits in Air % by Volume	LEL Lower	2	UEL Upper	12
Auto-Ignition Temperature	960°F		Extinguisher Media	Dry Chemical, Alcohol-type Foam/CO ₂					
Special Fire Fighting Procedures	Alcohol-type foam is preferred. Ordinary foam must be higher than normal rate								

Unusual Fire and Explosion Hazards Release flammable vapor below normal ambient temperature. Flammable vapors may be heavier than air. May travel long distances.

- Listed On (List Legend-at the end of this section): 01,02,06,08,10
- Listed On (List Legend-at the end of this section): 02,03,04,05,07,08,10

08/09/2001 00:49 570-473-8988

RESILITE

PAGE 03

SECTION 5 - PHYSICAL HAZARDS (REACTIVITY DATA)

Stability: Unstable ☐ Stable ☒ Conditions to Avoid: Do not store or mix with oxidizing agents or chlorine compounds.

Incompatibility (Materials to Avoid): Oxidizing agents or chlorine compounds.

Hazardous Decomposition Products: May produce carbon monoxide/dioxide.

Hazardous Polymerization: May Occur ☐ Will Not Occur ☒ Conditions to Avoid: Heat, sparks, open flame. Treat as a flammable liquid.

SECTION 6 - HEALTH HAZARDS

1. Acute
Inhalation of vapors above TLV can produce local irritation in central nervous system.

2. Chronic
Signs and Symptoms of Exposure: Low to medium concentration will produce irritation. High concentration will produce central nervous system depression.

Medical Conditions Generally Aggravated by Exposure: Central nervous system depression. Prolonged exposure may cause delayed effects involving the nervous and respiratory systems.

Chemical Listed as Carcinogen or Potential Carcinogen: No ☒ Yes ☐

National Toxicology Program: No ☐ Yes ☒

I.A.R.C. Monographs: No ☐ Yes ☒

OSHA: No ☐ Yes ☒

Emergency and First Aid Procedures: Immediately remove from contaminated area to fresh air. Give oxygen. Use mouth-to-mouth resuscitation. Wash effected area with soap. Get medical attention.

ROUTES OF ENTRY:

- Inhalation: Vapors will cause eye and respiratory irritation. Higher concentration will produce central nervous system depression.
- Eyes: Eye contact will cause irritation.
- Skin: Skin irritation leading to dermatitis may occur on prolonged contact.
- Ingestion: Local irritation to mucous membranes of the mouth, throat.

SECTION 7 - SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

Precautions to be Taken: Handling and Storage: Handle as a flammable liquid. Avoid inhalation of vapors. Store in a cool place, away from ignition sources. Keep away from oxidizing agents.

Other Precautions: Store in a cool dry area with adequate ventilation. Storage vessels must be properly vented and grounded.

Steps to be Taken in Case Material is Released or Spilled: Stop flow of product. Avoid inhalation of vapors and skin contact.

Remove source of ignition. Respiratory protective equipment must be worn in confined areas.

Spill Cleanup Methods (Consult federal, state, and local regulations): Use absorbant material and dispose of in a closed container.

SECTION 8 - SPECIAL PROTECTION INFORMATION/CONTROL MEASURES

Respiratory Protection (Specify Type): At a concentration exceeding TLV, approved canister (gas masks).

Ventilation: Local Exhaust ☒ Mechanical (General) ☐ Special ☐ Other ☐

Protective Devices: Rubber ☐ Eye Protection ☐ Use adequate ventilation to keep vapor concentration below applicable standards. Chemical goggles.

Other Protective Clothing or Equipment: N/A

Hygienic Practices: Wash hands with soap and water. Avoid repeated contact.

IMPORTANT

Do not leave any blank spaces. If required information is unavailable, unknown, or does not apply, so indicate.

F1R Printed by Labelmaster, Division of American Labelmark Company, Inc. Chicago, IL 60646-6719 1-800-621-5808 • (312) 478-0900

08/09/2001 00:49 570-473-8988

RESILITE

PAGE 04

Suppliment to Flexabar MSDS's

This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency planning Community Right to Know Act of 1986 and of 40 CFR 372

<u>CAS#</u>	<u>CHEMICAL NAME</u>	<u>PERCENT BY WEIGHT</u>
108-88-3	Toluene	less than 40%
78-93-3	Methylethyl Ketone	less than 35%
108-10-1	Methyl Isobutyl Ketone	less than 10%

VENTILATION REQUIREMENTS:

General room ventilation plus local exhaust at points of emission to maintain exposure below the exposure limits.

SPECIFIC PERSONAL PROTECTIVE EQUIPMENT**RESPIRATORY:**

A NIOSH/MSHA approved respirator should be worn if the PEL for nuisance dust is exceeded.

If decomposition of product occurs, wear NIOSH/MSHA approved positive pressure self-contained breathing apparatus and full protective clothing.

EYE:

Wear safety glasses with side shields (ANSI 87.1 - 1989).

GLOVES:

Sensitive individuals should wear protective gloves.

OTHER CLOTHING AND EQUIPMENT:

Eye wash facility should be in close proximity.

MONITORING EXPOSURE**BIOLOGICAL:**

29CFR 1910.1017 (Vinyl Chloride)

PERSONAL/AREA

OSHA Method 07 or equivalent (Vinyl Chloride)

OSHA Method 07 or equivalent (Vinyl Acetate)

NIOSH Method 0500 (Nuisance Dust, Total)

NIOSH Method 0600 (Nuisance Dust, Respirable)

08/09/2001 00:49 570-473-8988

RESILITE

PAGE 06

PHYSICAL DATA

Chemical name used in the SARA Section 313 List of Toxic Chemicals
(40CFR - Section 372.65) if different from CAS name.

No exposure limits have been established for this material. It is recommended that exposure be kept below the limits set for nuisance dust:

PEL	=	Total 15 mg/m3; Respirable 5 mg/m3 TWA
TLV	=	Total 10 mg/m3; Respirable 5 mg/m3 TWA

All components of this product that are required to be on the TSCA Inventory are listed on the inventory.

Not listed as carcinogen - IARC, NTP, OSHA

LIST LEGEND

- | | |
|-----------------------------------|------------------------------------|
| 01 SARA EXTR HAZ SUB, SECTION 301 | 02 SARA TOXIC CHEM, SECTION 313 |
| 03 NTP "KNOWN HUMAN CARCINOGEN" | 04 IARC HUMAN CARCINOGEN, GROUP 1 |
| 05 CA PROP 65 - CARCINOGEN | 06 PA ENVIRONMENTAL HAZ SUBSTANCE |
| 07 PA SPECIAL & ENV HAZ SUBSTANCE | 08 NY HAZARDOUS SUBSTANCE |
| 09 PA REQUIREMENT - 3% OR GREATER | 10 NJ SPECIAL HEALTH HAZ SUBSTANCE |
| 11 NJ REQUIREMENT - 1% OR GREATER | |

ADDITIONAL INFORMATION

OSHA Standard 29 CFR 1910.1200 requires that information be provided to employees regarding the hazards of chemicals by means of a Hazard Communication Program including labeling, material safety data sheets, training and access to written records. We request that you, and it is your legal duty, make all information in this Material Safety Data Sheet available to your employees.

This product may be reportable by you under the requirements of 40CFR Part 370. Please consult these Regulations for details.

State of California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65)

WARNING: This product contains a chemical known to the State of California to cause cancer.