



ENGINEERED PRODUCTS

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# MATERIAL SAFETY DATA SHEET

NO: CASF2500

24 HOUR EMERGENCY PHONE NUMBER: CANUTEC (613) 996-6666

SAFETY DATA INFORMATION: CANUTEC (613) 996-6666

## I PRODUCT NAME: M8 26TE

DESCRIPTION: Uncured rubber compound (CAS-2500).

Health:	1
Fire:	2
Reactivity:	0

## II HAZARDOUS INGREDIENTS

CHEMICAL IDENTITY	CONCENTRATION %	CAS NO	EXPOSURE LIMITS	
			LD50	LC50
Carbon Black	40% Max.	1333-86-4	3.5mg/m3 dust	
Zinc Oxide	5% Max.	1314-13-2	OSHA/ACGIH 5 mg/m3 fume or respirable dust and 10 mg/m3 total dust	

No applicable information has been found to the effects of the above chemicals dispersed in a mixture of rubber,

## III PHYSICAL DATA

Boiling Point	Not Applicable	Vapor Pressure	Not Applicable
Freezing Point	Below +8°C	% Volatile	Not Applicable
Specific Gravity (H2O=1)	1.24 +/- 0.05	Evaporation Rate	Not Applicable
Solubility in Water (%WET)	Insoluble	Appearance	Black Rubbery Solids
Other		Odor	Slightly aromatic

IV HEALTH HAZARD INFORMATION	
<b>INHALATION</b>	No adverse effects likely
<b>SKIN CONTACT</b>	No adverse effects likely
<b>EYE CONTACT</b>	Irritation from fumes, volatile from hot processing
<b>INGESTION</b>	Do not ingest

This material is classified as non hazardous at ambient temperatures (< 70°C)

#### EFFECTS OF OVEREXPOSURE

X	Inhalation	X	May cause allergic reaction in some sensitive persons
X	Skin Contact		Defatting
	Dermatitis		

**Carbon Black** contains trace amounts of absorbed polynuclear aromatic compounds. Some studies have shown these to be carcinogens although no carcinogenic effect of Carbon Black has been found.

**Note:** Use adequate ventilation and gloves in hot processing applications

V FIRST AID	
<b>EYES</b>	Treat as inert particulate matter Flush with distilled water
<b>SKIN</b>	Use barrier cream S.B.S-46 and PPE as preventative measure Wash with water and soap
<b>INHALATION</b>	Not applicable
<b>INGESTION</b>	Seek professional medical help if ingested
<b>SPECIAL PRECAUTIONS</b>	None required

<b>VI FIRE &amp; EXPLOSION</b>													
<b>FLASH POINT (method)</b>	Not Applicable												
<b>FLAMMABLE LIMITS IN AIR</b>	(% by volume) Not flammable at ambient temperatures												
<b>AUTO-IGNITION TEMPERATURE</b>	>246°C (475°F) Can ignite spontaneously if temperatures exceed 316°C (600°F)												
<b>EXTINGUISHING MEDIA</b>	<table border="0"> <tr> <td>X</td> <td>Water</td> <td>X</td> <td>Other - Protein Type Air Foams</td> </tr> <tr> <td>X</td> <td>Water Fog</td> <td>X</td> <td>Dry Chemical</td> </tr> <tr> <td>X</td> <td>Foam</td> <td></td> <td>Carbon Dioxide not recommended because of lack of cooling capacity</td> </tr> </table>	X	Water	X	Other - Protein Type Air Foams	X	Water Fog	X	Dry Chemical	X	Foam		Carbon Dioxide not recommended because of lack of cooling capacity
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<b>SPECIAL FIRE FIGHTING</b>	Do not enter confined fire space without proper protective												
<b>EQUIPMENT AND PROCEDURES</b>	equipment including NIOSH approved self contained breathing												

<b>VII REACTIVITY DATA</b>	
<b>STABILITY</b>	Stable
<b>HAZARDOUS POLYMERIZATION</b>	Will not occur
<b>INCOMPATIBILITY</b>	Not reactive with other substances at ambient temperature. A vulcanization reaction will take place at temperatures exceeding 100°C (212°F)
<b>HAZARDOUS DECOMPOSITION PRODUCTS</b>	Carbon monoxide, carbon dioxide, smoke, aromatic volatiles from carbon black

## **VIII STORAGE & HANDLING**

Store between 15 - 25°C to avoid onset of curing reaction.

No special precautions required.

Under ideal storage conditions shelf life is at least 3 months, older material should be retested before usage.

Not Controlled under TDG (Canada) or US DOT

WHMIS Classification: D1B

<b>IX SPILL OR LEAK PROCEDURE</b>	
<b>STEPS TAKEN IF MATERIAL IS RELEASED OR SPILLED</b>	If material is not soiled or contaminated, it can be re-used indefinitely
<b>WASTE DISPOSAL METHOD</b>	This material will not cause any harmful or adverse affects if spilled or released into the atmosphere. Dispose of according to state or provincial legislation. This material is not defined hazardous by 40CFR261

<b>X SPECIAL PROTECTION INFORMATION</b>	
<b>RESPIRATORY PROTECTION</b>	Not required
<b>PROTECTIVE GLOVES</b>	Not normally required
<b>EYE PROTECTION</b>	Not required
<b>VENTILATION</b>	Local exhaust to keep dust or vapors below TWA or permissible limits.
<b>OTHER</b>	Use of barrier creams on hands and other exposed areas may be

**XI PREPARATION INFORMATION**  
**DATE: 2009-10-21**

**ISSUE #1**

**PREPARED BY**      **AirBoss Engineered Products Technical Services**

To the best of AirBoss Engineered Products Inc.'s knowledge, the above information is true and accurate as of the date of preparation of this material data safety sheet.

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**MSDS CODE: CASF2500**