

AVCO SPECIALTY MATERIALS, TEXTRON -- FM 26 COMPONENT I -- 8030-01-324-4457

===== Product Identification =====

Product ID:FM 26 COMPONENT I

MSDS Date:06/10/1988

FSC:8030

NIIN:01-324-4457

MSDS Number: BLLHB

=== Responsible Party ===

Company Name:AVCO SPECIALTY MATERIALS, TEXTRON

Address:2 INDUSTRIAL AVENUE

City:LOWELL

State:MA

ZIP:01851

Country:US

Info Phone Num:508-452-8961

Emergency Phone Num:508

-454-5355

CAGE:55664

=== Contractor Identification ===

Company Name:AVCO SPECIALTY MATERIALS DIVISION

CAGE:55664

Company Name:TEXTRON SPECIALTY MATERIALS, SUB OF TEXTRON INC

Address:2 INDUSTRIAL AVE

Box:City:LOWELL

State:MA

ZIP:01851-5107

Country:US

Phone:508-452-8961

CAGE:63262

===== Composition/Information on Ingredients =====

Ingred Name:STYRENE, MONOMER (SARA III)

CAS:100-42-5

RTECS #:WL3675000

Fraction by Wt: 15%

Other REC Limits:NIOSH: 50 PPM

OSHA PEL:100 PPM

ACGIH TLV

:S,50PPM/100STEL;9293
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

=====
===== Hazards Identification =====
=====

Routes of Entry: Inhalation:NO Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE: IRRITATION TO SKIN/EYES.
CHRONIC: DERMATITIS.
Effects of Overexposure:RESPIRATORY TRACT IRRITATION. WILL CAUSE
TEARS. HIGH CONCENTRATIONS MAY CAUSE HEADACHES, NAUSEA. INHALATION:
MAY CAUSE MUCOUS MEMBRANE
IRRITATION AND DISCOMFORT. SKIN: MAY
CAUSE DEFATTING, DRYNESS, IRRITATION AND POSSIBLE DERMATITIS.
INGESTION: MAY CAUSE GASTROINTESTINAL DISTURBANCES, PAIN &
DISCOMFORT.
Medical Cond Aggravated by Exposure:ANY RESPIRATORY/SKIN CONDITIONS.

=====
===== First Aid Measures =====
=====

First Aid:INHALATION: REMOVE TO FRESH AIR AND ADMINISTER OXYGEN OR
ARTIFICIAL RESPIRATION. EYES: FLUSH WITH COPIOUS AMOUNTS OF WATER
FOR 15 MINUTES. SEEK MEDICAL ATTENTI
ON. SKIN: WASH OFF WITH SOAP
AND WATER AS AP. STYRENE CAN BE ABSORBED THROUGH SKIN. INGESTION:
DO NOT INDUCE VOMITING. SEEK MEDICAL ATTENTION.

=====
===== Fire Fighting Measures =====
=====

Flash Point Method:SCC
Flash Point:89.0F,31.7C
Lower Limits:1.1
Upper Limits:6.1
Extinguishing Media:FOAM, CARBON DIOXIDE OR DRY CHEMICAL. NFPA CLASS
(B) EXTINGUISHER.
Fire Fighting Procedures:FIGHT LIKE A FUEL OIL FIRE. SELF-CONTAINED
BREATHING APPARATUS MUST BE WORN W
HILE FIGHTING FIRE. DECONTAMINATE
AFTER USE.
Unusual Fire/Explosion Hazard:STYRENE WILL POLYMERIZE READILY AT HIGH
TEMPS-SUCH AS FIRE. IF THIS OCCURS IN A CLOSED CNTNR, POSSIBILITY
OF VIOLENT RUPTURE. VAPORS MAY FORM EXPLOS MIX IN AIR.

=====
===== Accidental Release Measures =====
=====

Spill Release Procedures:REMOVE ALL SOURCES OF IGNITION. VENTILATE
AREA. ABSORB WITH INERT MATERIAL. PICK UP WITH NONSPARKING TOOLS
AND PLACE IN CLOSED CONTAINERS. IF PRODUCT

WAS MIXED WITH
INITIATOR, ALLOW TIME TO GEL AND CURE BEFORE REMOVING.

=====
Handling and Storage
=====

Handling and Storage Precautions:HANDLE AND STORE AS NFPA CLASS 1-C
FLAMMABLE LIQUID. STORE AT 50 F TO 60 F FOR FIVE MONTH SHELF LIFE.
GROUND ALL CONTAINERS.

Other Precautions:DO NOT ADD TO HOT MATERIAL AND AVOID ALL SOURCES OF
CONTAMINATION.

=====
Exposure Controls/Personal Protection
=====

Respiratory Protection:REQUIRE
D IF VENTILATION WILL NOT MEET TLV/PEL.

Ventilation:REQUIRED. LOCAL EXHAUST TO MEET TLV/PEL.

Protective Gloves:NEOPRENE OR NONSOLUBLE PLASTIC.

Eye Protection:REQUIRED TO PROTECT AGAINST SPLASH.

Other Protective Equipment:SUITABLE TO COVER EXPOSED SKIN. SAFETY
SHOWER & EYE WASH TO BE AVAILABLE.

Work Hygienic Practices:THOROUGHLY WASH HANDS BEFORE EATING, DRINKING,
SMOKING. CLEAN ALL CONTAMINATED CLOTHING.

Supplemental Safety and Health

=====
Physical/Chemical Properties =
=====

Boiling Pt:B.P. Text:>145F,>63C

Vapor Pres:< 5

Vapor Density:3.6

Spec Gravity:1.4

Appearance and Odor:GRAY PASTE WITH STYRENE ODOR

=====
Stability and Reactivity Data
=====

Stability Indicator/Materials to Avoid:YES
STRONG ACIDS, OXIDIZING AGENTS.

Stability Condition to Avoid:IMPROPER ADDITION OF PROMOTER/CATALYST.
DIRECT SUNLIGHT, HEAT, FLAME, CONTAMINANTS.

Hazardous Decomposition Products:CARBON MONOXIDE AND DIOXIDE, LOW
MOLECULAR WEIGHT H

YDROCARBONS & ORGANIC ACIDS.

Conditions to Avoid Polymerization:IMPROPER ADDITION OF PROMOTOR OR
CATALYST, SUNLIGHT, OPEN FLAME, CONTAMINATION AND PROLONGED STORAGE
ABOVE 100 F.

===== Disposal Considerations =====

Waste Disposal Methods:IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL
REGULATIONS.

Disclaimer (provided with this information by the compiling agencies):

This information is formulated for use by elements of the Department
of Defense. The

United States of America in no manner whatsoever,
expressly or implied, warrants this information to be accurate and
disclaims all liability for its use. Any person utilizing this
document should seek competent professional advice to verify and
assume responsibility for the suitability of this information to their
particular situation.