

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

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===== 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 I

RRITATION AND DISCOMFORT. SKIN: MAY

CAUSE DEFATTING, DRYNESS, I RRITATION AND POSSIBLE DERMATITIS.

INGESTION: MAY CAUSE GASTROINTESTINAL DISTURBANCES, PAIN &

DISCOMFORT.

Medical Cond Aggravated by Exposure:ANY RESPIRATORY/SKIN CONDITIONS.

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===== 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 ATTENTIO

N. SKIN: WASH OFF WITH SOAP

AND WATER AS AP. STYRENE CAN BE ABSORBED THROUGH SKIN. INGESTION:

DO NOT INDUCE VOMITING. SEEK MEDICAL ATTENTION.

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===== 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 WH

ILE 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.

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===== 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.

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Handling and Storage  
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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  
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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  
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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

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Stability and Reactivity Data  
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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 HY

DROCARBONS & 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.

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