

POLYESTER DIV-MARCO-W.R.GRACE & CO. -- GR-941 -- 8040-00-291-0162

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Product Identification
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Product ID:GR-941

MSDS Date:01/01/1985

FSC:8040

NIIN:00-291-0162

MSDS Number: BDVJK

=== Responsible Party ===

Company Name:POLYESTER DIV-MARCO-W.R.GRACE & CO.

Emergency Phone Num:201-862-5600

CAGE:LO201

=== Contractor Identification ===

Company Name:MILITARY SPECIFICATIONS PROMULGATED BY MILITARY

Address:DEPTS/AGENCIES UNDER AUTH OF DEF STD

Box:MANUAL

City:4120 3-M

Phone:804-279-4371 DSN 695-4371

CAGE:81349

Company Name:POLYESTER DIV-MARCO-W.R.GRACE & CO.

CAGE:LO201

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Composition/Information on Ingredients
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Ingred Name:VEHICLE

Fraction by Wt: 35%

ACGIH TLV:100PPM

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Hazards Identification
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Effects of Overexposure:IRRIT.TO ALL PTS. OF RESPIRAT TRACT.BOTH LIQUID
STYRENE & VAP CAN BE EXTREMELY IRRIT TO EYES.(SE SUP

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First Aid Measures
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First Aid:INHAL:MOVE SUBJECT TO FRESH AIR,KEEP WARM,GIVE OXGY OR
ARTIFICIAL RESPIRATION AS REQD.SKIN CONTACT WASH W/SOAP &
WATER.EYES:FLUSH PROMPTLY W/COPIOUS AMTS OF WATER F/15 MINUTES &
CONSULT DR.INGESTION:C ONSULT DR.PROMPTLY.

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Fire Fighting Measures
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Flash Point:90 F PMC

Lower Limits:1.1

Upper Limits:6.1

Extinguishing Media:DRY POWDER,FOAM,CARBON DIOXIDE

Fire Fig

ighting Procedures:EXTINGUISH FLAME FR PERIMETER INWARD TOWARD
MAIN BODY OF FIR

Unusual Fire/Explosion Hazard:POLYESTERS UNDERGO EXOTHERMIC
POLYMERIZATION.IF CLOSED DRUM IS CAUGHT IN FIRE VIOLENT RUPTR MAY
RESU

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

Spill Release Procedures:REMOV SATURAT CLOTHES & WASH AFFECTED AREAS
W/SOAP & WATER.REMOV SOURCES OF IGNITION(FLAMES,HOT
SURFACES,ELECTRICAL STATIC,FRICIONAL SPARKS)VENTILATE AREA.ABSORB
W/INERT M
ATERIAL.DISPOSE AS SOLID WAS TE IN CLOSED CONT.WASH AREA
W/TRISODIUMPHOSPH

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

Handling and Storage Precautions:STORE & HANDLE AS NFPA CLASS 1-C
FLAMMABLE LIQUID,STORE BELOW 27 C (80F) IN A CLOSED CONTAINER & DRY
AREA TO AVOID SPOILAGE.

Other Precautions:IN BULK STORAGE,CHECK VENTS & FLAME ARRESTORS FOR
PLUGGING BY THE FROMATION OF POLYMER.GROUND ALL CONNECTIONS
ETC,WHEN USING.

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

Respiratory Protection:UP TO 100PPM-NONE,100PPM & ABOVE SELF-CONTAIN
APPARAT

Ventilation:YES,LOCAL & MECHANICAL,USE EXPLOSION-PROOF MOTORS

Protective Gloves:NEOPRENE/NONSOL

Eye Protection:SAFETY GLASSES

Other Protective Equipment:PROTECTIVE CLOTHING TO MINIMIZE SKN
CONTACT.SAFETY SHOWERS.

Supplemental Safety and Health

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

HCC:F4

Boiling Pt:B.P. Text:>150 F 65 C

Vapor Pres:5.2

Vapor De

nsity:3.6

Spec Gravity:1.1

Solubility in Water:INSOLUBLE

Appearance and Odor:VISCOUS LIQUID W/SHARP ODOR (STYRENE)

Percent Volatiles by Volume:35

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

Stability Indicator/Materials to Avoid:YES

STRONG ACIDS,PEROXIDES & OTHER OXIDIZING AGENTS.

Stability Condition to Avoid:SUNLIGHT,OPEN FLAMES,CONTAM & PROLNG
STORAGE,ABOV 38 C(100 F

Hazardous Decomposition Products:CARBON MONOXIDE & DIOXID,LOW MOLECULAR
WGT HYDROCARBONS & OR

Conditions to Avoid Polymerization:SUNLIGHT,OPEN FLAMES,CONTAM, &
PROLONGED STORAGE ABOVE 100F

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

Waste Disposal Methods:RESIN MIXED W/PEROXIDE INITATORS BEFORE
SPILL,SHLD BE MIXED W/INERT FILLER & REMOVED TO OPEN AREA.ALLOW
TIEM TO GEL CURE.USE SANITARY LANDFILL OR INCINERATION.DO NOT
INCINERATE CLOSED CONTAINERS,DISPO S MUST BE CARRIED OUT IN ACCORD
W/LOC,STAT/FED REG

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