

POLYESTER DIV.-MARCO, W.R. GRACE & CO -- GR-941 -- 8040-00-200-3793

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Product Identification  
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Product ID:GR-941

MSDS Date:01/01/1987

FSC:8040

NIIN:00-200-3793

MSDS Number: BDJGD

=== Responsible Party ===

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

City:SEWAREN

State:NJ

ZIP:07077

Country:US

Info Phone Num:201-862-5600

Emergency Phone Num:201-862-5600

CAGE:76172

=== Contractor Ident

ification ===

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

CAGE:76172

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Composition/Information on Ingredients  
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Ingred Name:VEHICLE

Fraction by Wt: 35%

ACGIH TLV:100PPM

Ingred Name:POLYESTER RESIN

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Hazards Identification  
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Effects of Overexposure:IRRITATING TO ALL PARTS OF RESPIRATORY  
TRACT.BOTH LIQ. STYRENE & VAPOR CAN BE EXTREMELY IRRIT.TO EYE

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First Aid Measures  
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First Aid:INHALATION:MOVE SUBJ.TO FRESH AIR,KEEP WARM,GIVE OXYGEN OR  
ARTIFICIAL RESPIR.AS REQD.SKIN CONTACT:WASH W/SOAP &  
WATER.EYES:FLUSH PROMPTLY W/COPIOUS AMTS. OF WATER FOR 15 MINUTES &  
CONSULT PHYSICIAN.IN GESTION:CONSULT PHYS.PROMPTLY.

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Fire Fighting Measures  
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Flash Point:90F PMC 32C

Lower Limits:1.1

Upper Limits:6.1

Extinguishing Media:DRY POWDER,FOAM,CARBON DIOXIDE

Fire Fighting Procedures:EXTINGUISH FLAME FROM PERIMETER INWAR

D TOWARD  
MAIN BODY OF F

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

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

Spill Release Procedures:REMOVE SATURATED CLOTHES & WASH AFFECTED AREAS  
W/SOAP & WATER.REMOVE SOURCES OF IGNITION(FLAMES,HOT  
SURFACES,ELECTR.STATIC,FRICIONAL SPARKS).VENTIL.AREA.USE MEASURES  
OUTLINED IN SEC. VIII.ABSORB W/INERT  
MATER.(E.G.VERMIC  
ULITE).DISPOSE AS SOLID WASTE

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

Handling and Storage Precautions:STORE & HANDLE AS NAT'L FIRE  
PROTECTIVE ASSOC.CLASS 1-C FLAMM.LIQ.STORE BELOW 27C(80F)IN A  
CLOSED CONTAINER & DRY AREA TO AVOID SPOILAGE.  
Other Precautions:IN BULK STORAGE,CHECK VENTS & FLAME ARRESTORS FOR  
PLUGGING BY THE FORMATION OF POLYMER.GROUND ALL CONNECTIONS,ETC.  
WHEN USING.

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

Respiratory Protection:UP TO 100PPM-NONE 100PPM & ABOVE.SELF-CONTAINED  
APPARATUS  
Ventilation:LOCAL EXHAUST & MECH.USE EXPLOSION-PROOF MOTORS.  
Protective Gloves:NEOPRENE OR NITRILE  
Eye Protection:SAFETY GLASSES TO PROTECT  
Other Protective Equipment:PROTECTIVE CLOTHING TO MINIMIZE SKIN  
CONTACT.SAFETY SHOWERS  
Supplemental Safety and Health  
EFFECTS OF OVEREXPOSURE:LIQUID CONTACT W/SKIN MAY CAUSE MODERATE  
IRRITATION.

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

HCC:F

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

Vapor Pres:5.2

Vapor Density: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.&PROLONGED STORAGE.ABOVE 38C(10

Hazardous Decomposition Products:CARBON MON OXIDE & DIOXIDE,LOW

MOLECULAR WGT.HYDROCARBONS & O

Conditions to Avoid Polymerization:SUNLIGHT,OPEN FLAMES,CONTAMINATION & PROLONGED STORAGE ABOVE

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

Waste Disposal Methods:RESIN MIXED W/PEROXIDE INITATORS BEFORE SPILL,SHD BE MIXED W/INERT FILLER & REMOVED TO OPEN AREA.ALLOW TIME TO GEL CURE.USE SANITARY LANDFILL OR INCINERATION.DO NOT INCIN.CLOSED CONTAINERS.DISPOSAL MU ST BE CARRIED OUT IN ACCORD.W/LOC., STATE & FED.

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