

BFGOODRICH CO./SPECIALTY POLYMERS & CHEMICALS DIV -- ESTANE (R),GENERAL PURPOSE  
COMPOUND:58000 A -- 9330-01-306-0715

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

Product ID:ESTANE (R),GENERAL PURPOSE COMPOUND:58000 A

MSDS Date:01/01/1991

FSC:9330

NIIN:01-306-0715

MSDS Number: BPZWK

=== Responsible Party ===

Company Name:BFGOODRICH CO./SPECIALTY POLYMERS & CHEMICALS DIV

Address:991 BRECKSVILLE RD.

City:CLEVE

LAND

State:OH

ZIP:44141-3247

Country:US

Info Phone Num:800-331-1144

Emergency Phone Num:800-331-1144 800-424-9300(CHEMTREC)

CAGE:NO401

=== Contractor Identification ===

Company Name:BF GOODRICH CO

Address:9911 BRECKSVILLE RD

Box:City:BRECKSVILLE

State:OH

ZIP:44141-3247

Country:US

Phone:216-447-5714

CAGE:0RBF2

Company Name:BFGOODRICH CO./SPECIALTY POLYMERS & CHEMICALS DIV

Address:991 BRECKSVILLE RD.

Box:City:CLEVELAND

State:OH

ZIP:44141-3247

Country:US

Phone:800-331-1144

CAGE:NO401

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Composition/Information on Ingredients =====

Ingred Name:TETRAHYDROFURAN (SARA III) (POTENTIAL PROCESSING VAPOR COMPONENT)

CAS:109-99-9

RTECS #:LU5950000

Other REC Limits:NONE RECOMMENDED

OSHA PEL:200 PPM/250 STEL

ACGIH TLV:200 PPM/250STEL;9293

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Name:BUTANEDIOL (POTENTIAL PROCESSING VAPOR COMPONENT)

CAS:584-03-2

RTECS #:EK0380000

Other REC Limits:NONE RECOMMENDED

Ingred Name:CYCLOPENTANONE (POTENTIAL PROCESSING VAPOR COMPONENT)

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AS:120-92-3

RTECS #:GY4725000

Other REC Limits:NONE RECOMMENDED

Ingred Name:2,6-DI-TERT-BUTYL-P-CRESOL (POTENTIAL PROCESSING VAPOR COMPONENT)

CAS:128-37-0

RTECS #:GO7875000

Other REC Limits:NONE RECOMMENDED

OSHA PEL:10 MG/M3

ACGIH TLV:10 MG/M3; 9293

Ingred Name:BUTANEDIOL ADIPATE CYCLIC DIMER (POTENTIAL PROCESSING VAPOR COMPONENT)

Other REC Limits:NONE RECOMMENDED

Ingred Name:DIISOPROPYL PHENYL ISOCYANATE (POTENTIAL PROCESSING VAPOR COMPONENT)

Other REC Limits:NONE RECOMMENDED

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Hazards Identification  
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LD50 LC50 Mixture:NOT ESTABLISHED FOR PRODUCT AS FURNISHED

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:NONE KNOWN AT AMBIENT

TEMPERATURES.SKIN:BURNS FROM MOLTEN MATERIAL.INHAL:FUMES IRRITATE

RESPIRATORY TRACT.EYES:IRRITANT(FUMES,DECOMPOSITION

PRODUCTS)OVEREXPOSURE TO DECOMPOSITION FUMES MAY RESULT IN SEVERE IRRITATION

OR DEATH(HYDROGEN CYANIDE).

Explanation of Carcinogenicity:NOT APPLICABLE.

Effects of Overexposure:COUGHING,TEARING AND IRRITATION.

Medical Cond Aggravated by Exposure:FUMES MAY IRRITATE PEOPLE WITH SENSITIVE SKIN.

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First Aid Measures  
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First Aid:EYE:TREAT AS FOREIGN PARTICULATE MATTER.SKIN:IF MOLTEN

POLYMER CONTACTS THE SKIN,COOL RAPIDLY WITH ICE OR COOL WATER.SEE

PHYSICIAN FOR REMOVAL AND BURN TREATMENT.INHAL(O

VAPORS/DECOMPOSI

TION PRODUCTS ):REMOVE TO FRESH AIR.USE RESPIRATORY

PROTECTION WHEN REENTERING.INGEST:UNLIKELY TO OCCUR.

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Fire Fighting Measures  
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Flash Point:740F,393C

Extinguishing Media:WATER,TYPE ABC DRY CHEMICAL,AFF AND PROTEIN TYPE AIR FOAMS.CO2 IS NOT RECOMMENDED.

Fire Fighting Procedures:NPFA DEFINES ITEM AS CLASS A.WEAR SCBA AND

PROTECTIVE CLOTHING.REMOVE PERSONNEL.CONTINUE TO WEAR SCBA DURING CLEANUP,IMMEDIATELY AFTER FIRE.

Unusual Fire/Expl

losion Hazard:IRRITATING SMOKE.

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Accidental Release Measures  
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Spill Release Procedures:PLACE IN AN APPROPRIATE CONTAINER FOR REUSE OR

DISPOSAL.DO NOT SWEEP OR FLUSH PRODUCT INTO SEWER OR WATERWAYS.

Neutralizing Agent:NOT APPLICABLE.

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Handling and Storage  
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Handling and Storage Precautions:USE PROPER VENTILATION FOR HOT PROCESSING.

Other Precautions:DO NOT PUT PRODUCT IN YOUR MOUTH;DO NOT BREATHE VAPOR

S/FUMES.DO NOT ALLOW MATERIAL TO ACCUMULATE IN A THICK MASS AT OR ABOVE NORMAL PROCESSING TEMPERATURES(EG.DURING CLEANUP);IT WILL DECOMPOSE AND SWEL L(INTERNAL GASSING).

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

Respiratory Protection:NOT USUALLY REQUIRED.IN ABNORMAL CONDITIONS USE AN AIR-SUPPLIED RESPIRATOR(SCBA,AIRLINE RESPIRATOR).FOR DUST CONDITIONS USE A NIOSH APPROVED DUST RESPIRATOR.

Ventilation:USE EFFECTIVE EXHAUST VENTILATION INCLUDING LOCAL EXHAUST.

Protective Gloves:FOR HOT PROCESS MATERIAL.

Eye Protection:SAFETY GLASSES OR GOGGLES.

Other Protective Equipment:HMIS SUGGEST PROTECTIVE CLOTHING WHEN WORKING WITH HOT PROCESS MATERIAL.

Work Hygienic Practices:WASH HANDS.USE PRUDENT SANITARY AND HYGENIC PRACTICES.KEEP FOOD OUT OF THE WORK AREA.

Supplemental Safety and Health

THE ORIGINAL MSDS HAS A LIST OF TRACE COMPONENTS(IMPURITIES).

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

HCC:N1

Melt/Freeze Pt:M.

P/F.P Text:>350F,>177C

Spec Gravity:1.1-1.3

Solubility in Water:INSOLUBLE

Appearance and Odor:GRANULES OR PELLETS;PIGMENTED AND UNPIGMENTED;FAINT ODOR.

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

Stability Indicator/Materials to Avoid:YES

MANUFACTURER STATES NONE KNOWN.

Stability Condition to Avoid:OVERHEATING.STORE AWAY FROM FLAMMABLE LIQUIDS.

Hazardous Decomposition Products:CARBON MONOXIDE,CARBON

DIOXIDE,HYDROGEN CYANIDE,OXIDES OF NITROGEN,HYDROCARBONS,WATER

VAPOR,SMOKE.

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

Waste Disposal Methods:DISPOSE OF IN A LICENSED LANDFILL OR BY INCINERATION IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

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