

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

=====

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)

C

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

===

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

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.

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

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.

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

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.

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

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.

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

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.

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 ac

curate 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.