

CYTEC INDUSTRIES -- BR 127 CORROSION INHIBITING PRIMER -- 8040-01-197-1696

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Product Identification
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Product ID:BR 127 CORROSION INHIBITING PRIMER

MSDS Date:02/15/1994

FSC:8040

NIIN:01-197-1696

MSDS Number: BWKYK

=== Responsible Party ===

Company Name:CYTEC INDUSTRIES

Address:5 GARRET MOUNTAIN PLZ

Box:154B10

City:WEST PATERSON

State:NJ

ZIP:07424-5000

Country:US

Info Phone Num:201-357-310

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Emergency Phone Num:201-357-3100

CAGE:0V7G8

=== Contractor Identification ===

Company Name:CYTEC INDUSTRIES INC

Address:FIVE GARRET MOUNTAIN PLAZA

Box:City:WEST PATERSON

State:NJ

ZIP:07424

Country:US

Phone:800-652-6013

CAGE:0V7G8

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Composition/Information on Ingredients
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Ingred Name:2-BUTANONE (METHYL ETHYL KETONE) (MEK)

CAS:78-93-3

RTECS #:EL6475000

Fraction by Wt: 59.1-73%

Other REC Limits:590 MG/CUM

OSHA PEL:200 PPM

ACGIH TLV:200 PPM

EPA Rpt Qty:5000 LBS

DOT Rpt

Qty:5000 LBS

Ingred Name:STRONTIUM CHROMATE (SUSPECTED HUMAN CARCINOGEN BY ACGIH, IARC; KNOWN CARCINOGEN BY NTP, GROUP 1) *94-4*

CAS:7789-06-2

RTECS #:GB3240000

Fraction by Wt: 1.2-1.8%

Other REC Limits:1 UG/CUM A1

OSHA PEL:100 UG/CUM

ACGIH TLV:0.0005 MG/CUM

EPA Rpt Qty:10 LBS

DOT Rpt Qty:10 LBS

Ingred Name:CELLOSOLVE (2-ETHOXYETHANOL), DOWANOL EE, ETHYLENE GLYCOL ETHYL ETHER, OXITOL

CAS:110-80-5

RTECS #:KK8050000

Fraction by Wt: 17.6-18%

Other REC Limits:19 MG/CUM

OSHA PEL:200 PPM (SKIN)

ACGIH TLV:5 PPM (SKIN)

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Name:METHANOL (METHYL ALCOHOL), COLUMBIAN SPIRITS *94-4*

CAS:67-56-1

RTECS #:PC1400000

Fraction by Wt: 0.639%

Other REC Limits:200 PPM

OSHA PEL:200 PPM (SKIN)

ACGIH TLV:200 PPM (SKIN)

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:FORMALDEHYDE, FORMALIN (SUSPECTED HUMAN CARCINOGEN BY IARC; ACGIH; SUSPECTED CARCINOGEN BY NTP; IARC - GROUP 2A) *94-4*

CAS:50-00-0

RTECS #:LP8925000

Fraction by Wt: 0-0.013%

OSHA PEL:0.75 PPM
ACGIH TLV:0.3 PPM (CEILING)
EPA Rpt Qty:100 LBS
DOT Rpt Qty:100 LBS

Ingred Name:EPOXY-PHENOLIC RESIN
Fraction by Wt: 1-5%

Ingred Name:PHENOLIC EPOXY
Fraction by Wt: 1-5%

Ingred Name:PHENOLIC RESIN
Fraction by Wt: 1-5%

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

LD50 LC50 Mixture:ORAL LD50 (RAT): 3.6 G/KG
Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:NO
Health Hazards Acute and Chronic:

EYES: IRRITATION. SKIN:

IRRITATION/ALLERGIC REACTIONS. INHALATION: IRRITATION/INJURY OF
RESPIRATORY TRACT/CNS DEPRESSION. 2-BUTANONE-EYES: SEVERE
IRRITATION. SKIN: MODERATE IRRITATION. INHALATION: RESPIRATORY
TRACT IRRITATION/CNS DEPRESSION. STRONTIUM CHROMATE-SKIN:
IRRITATION/ALLERGIC REACTIONS. (SEE SUPP)

Explanation of Carcinogenicity:SEE INGREDIENTS

Effects of Overexposure:IRRITATION. 2-BUTANONE:

IRRITATION/HEADACHE/NAUSEA/DIZZINESS/STAGGERED GAIT/SLEEPINESS.
STR

STRONTIUM CHROMATE: IRRITATION & SLOW HEALING LESIONS. 2-ETHOXY

ETHANOL: IRRITATION. METHANOL: HEADACHE. FORMALDEHYDE: IRRITATION.

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

First Aid:SKIN: IMMEDIATELY WASH AFFECTED AREAS W/SOAP & PLENTY OF
WATER. EYES: IMMEDIATELY IRRIGATE W/PLENTY OF WATER FOR 15 MINS.
INHALATION: REMOVE TO FRESH AIR. GIVE OXYGEN IF THERE IS DIFFICULTY
IN BREATHING. OBTAIN MEDICAL ATTENTION IN ALL CASES.

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===== Fire F

ighting Measures =====

Flash Point Method:CC

Flash Point:29F

Lower Limits:1.8

Upper Limits:10

Extinguishing Media:WATER SPRAY, ALCOHOL FOAM, CO2, DRY CHEMICAL.

Fire Fighting Procedures:WATER STREAM MAY BE INEFFECTIVE. USE WATER TO KEEP CONTAINERS COOL. WEAR SELF CONTAINED BREATHING APPARATUS & FULL FIREFIGHTING PROTECTIVE CLOTHING.

Unusual Fire/Explosion Hazard:AUTOIGNITION TEMP: 960F.

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

Spill Release P

rocedures:REMOVE ALL IGNITION SOURCES. WEAR NIOSH APPROVED POSITIVE PRESSURE SELF CONTAINED RESPIRATOR & PROTECTIVE CLOTHING. COVER W/INERT ABSORBENT MATERIAL, SWEEP UP & PLACE IN WASTE DISPOSAL CONTAINER. FLUS H AREA W/WATER.

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

Handling and Storage Precautions:KEEP AWAY FROM HEAT/SPARKS/FLAME. KEEP CONTAINER CLOSED. USE W/ADEQUATE VENTILATION.

Other Precautions:AVOID CONTACT W/EYES. AVOID PROLONGED/REPEATED

CONTACT W/SKIN. FOOD, BEVERAGES & TOBACCO PRODUCTS SHOULDN'T BE CARRIED/STORED/CONSUMED WHEN THIS MATERIAL IS USED. CUTTING/GRINDING/SANDING AFTER CURING MAY CREATE RESPIRABLE DUST PARTICLES.

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

Respiratory Protection:WEAR NIOSH APPROVED RESPIRATOR FOR MATERIAL & LEVEL OF EXPOSURE, WHERE EXPOSURES EXCEED PEL.

Ventilation:GOOD ENCLOSURE & LOCAL EXHAUST TO CONTROL EXPOSURE WHEN SPRAYING/CURING AT ELEVATED TEMPS

Protective Gloves:IMPERVIOUS

Eye Protection:CHEMICAL SPLASH PROOF GOOGLES

Other Protective Equipment:FACE SHIELD/APRON/WORKPANTS/LONG SLEEVE WORK SHIRT/DISPOSABLE COVERALLS/BARRIER CREAMS/EYEWASH EQUIPMENT/SAFETY SHOWER.

Work Hygienic Practices:REMOVE/LAUNDER CONTAMINATED CLOTHING BEFORE REUSE. WASH FACE & HANDS W/SOAP & WATER BEFORE EATING, DRINKING/SMOKING.

Supplemental Safety and Health

HEALTH HAZARDS CONT'D: INHALATION: CORROSION OF NOSE. 2-ETHOXY ETHANOL: IRRITATION. M

ETHANOL-EYES: SERIOUS DAMAGE. INHALATION/INGESTION:
BLINDNESS. FORMALDEHYDE-INHALATION: IRRITATION OF NOSE & THROAT >1
PPM/SERIOUS LUNG DAMAGE >50 PPM. EYES: SEVERE IRRITATION. SKIN:
MODERATE IRRITATION/ALLERGIC REACTIONS >2% SOLUTION.

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

Boiling Pt:B.P. Text:176F
Melt/Freeze Pt:M.P/F.P Text:-123F
Vapor Pres:86
Vapor Density:2.88
Spec Gravity:0.88
Solubility in Water:SLIGHT
Appearance and Odor:COLORLESS/YELLOW LIQUID
DEPENDENT ON PIGMENT
W/KETONE ODOR.
Percent Volatiles by Volume:90/WT

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

Stability Indicator/Materials to Avoid:YES
Hazardous Decomposition Products:CO, CO2, CHROMIUM OXIDES, OXIDES OF
NITROGEN.
Conditions to Avoid Polymerization:OXIDIZING AGENTS, FREE RADICAL
INITIATORS, SUNLIGHT, UV LIGHT, BASES, AMINES. DON'T HEAT MATERIAL
ABOVE 0F.

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

Waste D
Disposal Methods:DISPOSE OF IAW/FEDERAL, STATE & LOCAL
REGULATIONS. FLAMMABLE LIQUID UN1993.

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