

CHEMRAY COATING CORP -- PAINT EPOXY POLYAMIDE, EXT TOPCOAT DARK GRAY --  
8010-00-410-8465

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

Product ID:PAINT EPOXY POLYAMIDE, EXT TOPCOAT DARK GRAY

MSDS Date:07/17/1991

FSC:8010

NIIN:00-410-8465

Kit Part:Y

MSDS Number: BHWBD

=== Responsible Party ===

Company Name:CHEMRAY COATING CORP

Address:209 N MICHIGAN AVE

City:KENILWORTH

State:NJ

ZIP:07033

Country:US

Info Phon

e Num:201-245-1111

Emergency Phone Num:201-245-1111

Preparer's Name:FRED ARMSTRONG

CAGE:33832

=== Contractor Identification ===

Company Name:CHEMRAY COATING CORP

Address:209 N MICHIGAN AVE

Box:City:KENILWORTH

State:NJ

ZIP:07033

Country:US

Phone:201-245-1111

CAGE:33832

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===== Composition/Information on Ingredients =====

Ingred Name:MAGNESIUM SILICATE-TALC (NON-ASBESTIFORM)

CAS:14807-96-6

RTECS #:WW2710000

Fraction by Wt: 38.5%

Other REC Limits:NONE SPECIFIED

OSHA PEL:20 MPPCF (

RESP)  
ACGIH TLV:2 MG/CUM

Ingred Name:N-BUTYL ALCOHOL (SARA 313) N-BUTANOL  
CAS:71-36-3  
RTECS #:EO1400000  
Fraction by Wt: 28.2%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:100 PPM  
ACGIH TLV:S, C 50 PPM; 9293  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:VOC: 403 GRAMS/LITER OR 3.36 LBS/GAL  
RTECS #:9999999VO  
Other REC Limits:NONE SPECIFIED

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Health Hazards Acute and C

Chronic:INHAL: MILD IRRIT (RESP TRACT),

FATIGUE, HEADACHE, VERTIGO, SORE THROAT, COUGH, NAUSEA, SHORT OF BREATH, PULMONARY INJURY, CENTRAL NERV SYS DEPRESS W/DIZZINESS, DULLNESS, DROWSINESS. GIDDINESS, PROSTR ATION, NARCOSIS, ATAXIA, DEATH (SOME ANIMALS), UNCONSCIOUSNESS. AUDITORY NERVE/VESTIBULAR INJURY, HEARING LOSS, LUNG \*

Effects of Overexposure:\*HERMORRHAGE, REDUCED ERYTHROCYTE COUNT, LYMPHOCYTOSIS, ALBUMINURIA, EARLY DEGEN LIVER/CORTICAL/KIDNEY (TUBULAR DEGEN) CH

ANGES-ANIMALS. SKIN:IRRIT W/REDNESS, DRYING, DEFATTING, CRACKING, ECZEMATOID DE RMATITIS. EYE:IRRIT W/REDNESS, TEARING BLURRED VISION, CONJUNCTIVITIS, CORNEAL EDEMA-LACRIMATION, CORNEAL INFLAMATION\*\*

Medical Cond Aggravated by Exposure:BECAUSE OF ITS IRRITATING & DEFATTING PROPERTIES THIS MATERIAL MAY AGGRAVATE AN EXISTING, DERMATITIS. BREATHING OF VAPOR AND/OR MIST MAY AGGRAVATE ASTHMA & INFLAMMATORY OR FIBROTIC PULMONARY DISEASE.

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===== First Aid Meas

ures =====

First Aid:INGES: GIVE 2 GLASSES OF WATER. DO NOT INDUCE VOMITING. CALL PHYSICIAN. SKIN: REMOVE CONTAM CLOTHING & FLUSH W/WATER. WASH CLOTHING BEFORE REUSE. INHAL: REMOVE TO FRESH AIR. GIVE ARTIF RESP IF NOT BRE ATHING, QUALIFIED PERSON MAY GIVE OXYGEN IF BREATH DIFFICULT. CALL DR. EYE: IMMED FLUSH W/WATER 15 MIN. OBTAIN ATTENTION PREFERABLY FROM AN OPHTHALMOLOGIST.

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

Flash Point

Method:SCC

Flash Point:99.0F,37.2C

Autoignition Temp:Autoignition Temp Text:689 F

Lower Limits:1.4

Upper Limits:11.2

Extinguishing Media:CARBON DIOXIDE, FOAM, WATER FOG, DRY CHEMICAL.

Fire Fighting Procedures:USE AIR SUPPLIED BREATHING EQUIPMENT. COOL ENCLOSED CONTAINERS WITH WATER SPRAY, AVOID BREATHING VAPOR OR FUMES.

Unusual Fire/Explosion Hazard:IF LEAK OR SPILL HAS IGNITED, USE WATER SPRAY TO DISPERSE THE VAPORS FROM FIRE FIGHTERS.

===== Accidental Release Measur  
es =====

Spill Release Procedures:REMOVE ALL IGNITION SOURCES. KEEP FROM HEAT/SPARKS/FLAME. ADD ABSORBENT (SAND/EARTH/SAWDUST) TO SPILL. VENT AREA (OPEN WINDOWS/DOORS). LARGE SPILL: KEEP PRODUCT FROM SEWERS/WATERCOURSES BY DIKING. ADV ISE AUTHORITIES IF PRODUCT ENTERED.

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

Handling and Storage Precautions:STORE AWAY FROM IGNITION SOURCES. KEEP IN COOL, DRY, WELL VENTED AREAS. AVOID DIRECT SUNLIG  
HT & EXTREME  
TEMPERATURES--HOT OR COLD.

Other Precautions:AVOID EYE, SKIN CONTACT, INHALATION, INGESTION OF MISTS, SPRAY OR VAPORS. AVOID BREATHING SANDING OR BLASTING DUST.

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

Respiratory Protection:USE HYDROCARBON VAPOR CANISTER OR SUPPLIED AIR RESPIRATOR IN CONFINED AREAS.

Ventilation:LOCAL EXHAUST-FACE VELOCITY 60FPM. SPECIAL-USE ONLY W/ADEQUATE VENT. MECHANICAL-USE EXPLOSION PROOF EQUIPMENT.

Protective Gloves

:CHEMICAL RESISTANT

Eye Protection:SPLASH GOGGLES OR FACE SHIELD

Other Protective Equipment:USE CHEM RESISTANT APRON OR CLOTHING.

Work Hygienic Practices:WASH CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

\*\*PHOTOPHOBIA. INGEST: GASTRO TRACT IRRIT, ABDOM PAIN, NAUSEA,  
VOMITING, DIARRHEA, PARALYSIS, PUPIL CONSTRICT,  
CORNEAL/PUPILLARY/CILIARY REFLEXES REDUCTION, NYSTAGMUS,  
SALIVATION, REDUC BODY TEMP & RE SP, DEEP NARCOSIS, MARKED HEPATIC  
HEPERMIA, LIVER/KIDNEY

DEGENERATION, DEATH IN ANIMALS. CAUSED LIVER  
DAMAGE IN RATS.

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

HCC:F4

Boiling Pt:B.P. Text:244F,118C

Melt/Freeze Pt:M.P/F.P Text:0F,-18C

Decomp Temp:Decomp Text:600F,316C

Vapor Pres:2.7 @ 25C

Vapor Density:2.55

Spec Gravity:1.236 (WATER=1)

Viscosity:75-96 KU @25C

Evaporation Rate & Reference:0.5 (BU AC=1)

Solubility in Water:7.45%

Appearance and Odor:DARK GRAY LIQUID WITH ALCOHOL ODOR.

Percent Volatiles by Volume:53.3

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

Stability Indicator/Materials to Avoid:YES

CAN REACT WITH OXIDIZING MATERIAL WHEN HEATED TO DECOMPOSITION.

Stability Condition to Avoid:HIGH TEMPERATURES

Hazardous Decomposition Products:CARBON MONOXIDE

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

Waste Disposal Methods:ASSURE CONFORMITY WITH APPLICABLE DISPOSAL  
REGULATIONS. DISPOSE OF ABSORBED MATERIAL AT AN APPROVED DISPOSAL  
SITE OR FACILITY.

DISPOSE IN CONFORMITY WITH STATE AND FEDERAL  
REGULATIONS.

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