

CHEMRAY COATINGS -- PRIMER, ZINC CHROMATE, ALKYD TYPE 33481 -- 8010-00-161-7419  
===== Product Identification =====

Product ID:PRIMER, ZINC CHROMATE, ALKYD TYPE 33481

MSDS Date:04/02/1990

FSC:8010

NIIN:00-161-7419

MSDS Number: BHRFT

=== Responsible Party ===

Company Name:CHEMRAY COATINGS

Address:209 N. MICHIGAN AVENUE

City:KENILWORTH

State:NJ

ZIP:07033

Country:US

Info Phone Num:201-245-1111

Emergen

cy Phone Num:800-924-9300 CHEMTRAC

Preparer's Name:FRED ARMSTRONG

CAGE:OBRN9

=== 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

Company Name:CHEMRAY COATINGS CORP.

Address:209 N. MICHIGAN AVE.

Box:NA

City:KENILWORTH

State:NJ

ZIP:07033

Country:US

Phone:800-924-9300

CAGE:OBRN9

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

Ingred Name:STODDARD SOLVENT

CAS:8052-41-3  
RTECS #:WJ8925000  
Fraction by Wt: 32%  
OSHA PEL:500 PPM  
ACGIH TLV:100 PPM; 9293

Ingred Name:ZINC CHROMATE (ZINC POTASSIUM CHROMATE)  
CAS:11103-86-9  
RTECS #:GA9170000  
Fraction by Wt: 23%  
ACGIH TLV:0.01 MG/M3

Ingred Name:LEAD DRIER AS (PB)  
Fraction by Wt: 0.1%  
OSHA PEL:0.05 MG/M3  
ACGIH TLV:0.15 MG/M3

Ingred Name:COBALT DRIER AS(CO)  
Fraction by Wt: 0.03%  
OSHA PEL:0.01 MG/M3  
ACGIH TLV:0.01 MG/M3

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

Routes of Entry: In  
halation:YES Skin:NO Ingestion:NO  
Health Hazards Acute and Chronic:OVEREXPOSURE-NAUSEA, HEADACHE,  
DIZZINESS CAUSED BY OVER INHALATION.  
Explanation of Carcinogenicity:APPLICABLE (CHROMATE SALTS ARE  
CONSIDERED TO BE CARCINOGENS)  
Effects of Overexposure:OVEREXPOSURE-NAUSEA, HEADACHE, DIZZINESS CAUSED  
BY OVER INHALATION.  
Medical Cond Aggravated by Exposure:NONE KNOWN

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

First Aid:EYES: FLUSH WITH WATER 15 MINS OR UNTIL  
IRRITATION SUBSIDES.  
IF IRRITATION PERSISTS, CALL PHYSICIAN. SKIN: REMOVE CONTAMINATED  
CLOTHING & WASH THOROUGHLY WITH SOAP & WATER. INHALATION: IF  
OVERCOME BY VAPORS, REMOVE TO FRESH AIR, CALL PHYSICIAN.  
INGESTION: DO NOT INDUCE VOMITING, CALL A PHYSICIAN.

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

Flash Point Method:SCC  
Flash Point:103 F/40 C  
Lower Limits:0.9  
Upper Limits:7  
Extinguishing Media:CARBON DIOXIDE, FOAM, WATER FOG, DRY CHEMICAL.  
Fire Fig

Handling Procedures:USE AIR SUPPLIED BREATHING EQUIPMENT FOR ENCLOSED CONTAINERS WITH WATER SPRAY. AVOID BREATHING VAPORS OR FUMES.

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

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

Spill Release Procedures:REMOVE ALL IGNITION SOURCES. KEEP FROM HEAT, SPARKS & OPEN FLAME. ADD ABSORBENT (SAND, EARTH, SAWDUST) TO SPILL. VENTILATE AREA (OPEN WINDOWS, DOORS) LARGE SPILL: KEEP PRODUCT FROM ENTERING SEWERS & WATERCOURSES BY DIKING. ADVISE AUTHORITIES IF ENTER

Neutralizing Agent:APPLICABLE.

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

Handling and Storage Precautions:STORE AWAY FROM IGNITION SOURCES. KEEP IN COOL, DRY, WELL VENTILATED AREAS. AVOID DIRECT SUNLIGHT AND 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 RESPIRATORY IN CONFINED AREAS.

Ventilation:LOCAL EXHAUST-FACE VELOCITY 60FPM. SPECIAL-USE ONLY WITH ADEQUATE VENTILATION. MECHANICAL-USE EXPLOSION PROOF EQUIPMENT.

Protective Gloves:CHEMICAL RESISTANT

Eye Protection:SPLASH GOGGLES OR FACE SHIELD

Other Protective Equipment:USE CHEMICAL RESISTANT APRON OR CLOTHING

Supplemental Safety and Health

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

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

Boiling Pt:B.P. Text:308F/155C

Melt/Freeze Pt:M.P/F.P Text:0F(-17.8C)

Decomp Temp:Decomp Text:600 F(316C)

Vapor Pres: