

CHEMRAY COATINGS, CORP. -- PRIMER, ZINC CHROMATE YELLOW ALKYD TYPE --  
8010-00-161-7419

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

Product ID:PRIMER, ZINC CHROMATE YELLOW ALKYD TYPE

MSDS Date:09/11/1989

FSC:8010

NIIN:00-161-7419

MSDS Number: BJDJG

=== Responsible Party ===

Company Name:CHEMRAY COATINGS, CORP.

Address:209 N. MICHIGAN AVE.

Box:NA

City:KENILWORTH

State:NJ

ZIP:07033

Country:US

Info Phone Num:2

01-245-1111

Emergency Phone Num:201-245-1111

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:STODDAR

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

Ingred Name:ZINC CHROMATE  
CAS:50922-29-7  
RTECS #:GB3295000  
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:COLBALT DRIER AS (CO)  
Fraction by Wt: 0.03%  
OSHA PEL:0.01 MG/M3  
ACGIH TLV:0.01 MG/M3

Ingred Name:VOC. ORGANIC CMPD 3.6 LB/GAL LESS WATER & NPRS\* 432 G/L  
RTECS #:9999999VO

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:YES  
Health Hazards Acute and Chronic:OVEREXPOSURE-NAUSEA, HEADACHE,  
DIZZINESS CAUSED BY OVER INHALATION.  
Explanation of Carcinogenicity:CHROMATES ARE CARCINOGENS  
Effects of Overexposure:OVEREXPOSURE-NAUSEA, HEADACHE, DIZZINESS CAUSED  
BY OVER INHALATION.  
Medical Cond Aggravated by Exposure:NONE GENERALLY KNOWN.

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

First Aid:EYE CONTACT: FLUSH WITH WATER 15 MINUTES OR UNTIL IRRITATION  
SUBSIDES. IF IRRITATION PERSISTS, CALL A PHYSICIAN. SKIN CONTACT:  
REMOVE CONTAMINATED CLOTHING AND WASH THOROUGHLY WITH SOAP AND  
WATER. INH ALATION: IF OVERCOME BY VAPORS, REMOVE TO FRESH AIR, CALL  
A PHYSICIAN. INGESTION: DO NOT INDUCE VOMITING, CALL A  
PHYSICIAN.

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

Flash Point Method

:SCC  
Flash Point:103F/40C  
Autoignition Temp:Autoignition Temp Text:473F  
Lower Limits:0.9  
Upper Limits:7

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 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 =====  
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Spill Release Procedures:REMOVE ALL IGNITION SOURCES. KEEP FROM HEAT,  
SPARK& OPEN FLAME. ADD ABSORBENT (SAND, EARTH, SAWDUST)TO SPILL.  
VENTILATE AREA (OPEN WINDOWS, DOORS) IF LARGE SPILL KEEP PRODUCT  
FROM ENTERING SEWER/WATER COURSES BY DIKING. ADVISE AUTHORITIES IF  
ENTERED.  
Neutralizing Agent:NA

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

Handling and Storage Precautions:STORE AWAY FROM IGNITION SOURCES, KEEP  
IN COOL, DRY, WELL VENTILAT  
ED 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  
RESPIRATOR IN CONFINED AREA.  
Ventilation:LOCAL EXHAUST-FACE VELOCITY 60 FPM. SPECIAL USE ONLY WITH  
ADEQUATE VENTILATION. MECHANICAL U  
SE EXPLOSION PROOF EQUIPMNT.  
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: