

CHEMRAY COATING CORP -- PRIMER COATING, ZINC CHROMATE, YELLOW -- 8010-00-515-2208

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

Product ID:PRIMER COATING, ZINC CHROMATE, YELLOW

MSDS Date:09/08/1989

FSC:8010

NIIN:00-515-2208

MSDS Number: BPRGZ

=== Responsible Party ===

Company Name:CHEMRAY COATING CORP

Address:209 N MICHIGAN AVE

City:KENILWORTH

State:NJ

ZIP:07033

Country:US

Info Phone Num:201-245-1111

Emerge

ncy Phone Num:800-424-9300 CHEMTREC

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

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

Ingred Name:XYLENES (O-,M-,P- ISOMERS) (SARA III)

CAS:1330-20-7

RTECS #:ZE2100000

Fraction by Wt: 0.1%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:100 PPM

ACGIH TLV:100 PPM/150S

TEL:9394
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:COBALT DRIER AS (CO)
CAS:7440-78-4
Fraction by Wt: 0.03%
Other REC Limits:NONE SPECIFIED
OSHA PEL:0.1 MG/M3
ACGIH TLV:0.1 MG/M3

Ingred Name:ZINC CHROMATE
CAS:11103-86-9
RTECS #:GA9710000
Fraction by Wt: 23%
Other REC Limits:NONE SPECIFIED
ACGIH TLV:0.01 MG/M3

Ingred Name:TOLUOL (SARA III)
CAS:108-88-3
RTECS #:XS5250000
Fraction by Wt: 7.8%
Other REC Limits:NONE SPECIFIED
OSHA PEL:200 PPM/150 STEL
ACGIH TLV:50 PPM; 9293
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:ALIPHATIC NAPHTHA
CAS:6472-48-9
Fraction by Wt: 32.2%
Other REC Limits:NONE SPECIFIED
OSHA PEL:300 PPM
ACGIH TLV:300 PPM

Ingred Name:METHYL ETHYL KETONE (SARA III)
CAS:78-93-3
RTECS #:EL6475000
Fraction by Wt: 12%
Other REC Limits:NONE SPECIFIED
OSHA PEL:200 PPM
ACGIH TLV:200 PPM
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:VOC: 4.6 LBS/GAL OR 552 GRAMS/LITER
RTECS #:9999999VO
Other REC Limits:NONE SPECIFIED

=====
===== Hazards I

dentification =====

Health Hazards Acute and Chronic: EFFECTS OF ACUTE AND CHRONIC OVEREXPOSURE HIGH VAPOR CONCENTRATIONS (GREATER THAN APPROXIMATELY 1000 PPM) ARE IRRITATING TO THE EYES AND RESPIRATORY TRACT AN MAY CAUSE HEADACHES AND DIZZINESS, ARE ANE STHETIC, AND MAY HAVE OTHER CENTRAL NERVOUS SYSTEM EFFECTS.

Explanation of Carcinogenicity: ZINC CHROMATE IS LISTED AS A CARCINOGEN.

Medical Cond Aggravated by Exposure: PREEXISTING EYE, SKIN, AND RESPIRATORY D

ISORDERS MAY BE AGGRAVATED BY EXPOSURE TO THIS PRODUCT.

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

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

===== Fire Fig
hting Measures =====

Flash Point Method: SCC

Flash Point: 24.0F, -4.4C

Autoignition Temp: Autoignition Temp Text: 960 F

Lower Limits: 1.9

Upper Limits: 11.7

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 VAPOR OR FUMES.

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

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

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

===== 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 RESPIRATOR IN CONFINED AREA.

Ventilation:LOCAL: FACE VELOCITY 60 FPM. 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

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

HCC:F3

Boiling Pt:B.P. Text:175F,79C

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

Decomp Temp:Decomp Text:600F,316C

Vapor Pres:75 @ 77F

Vapor Density:2.5 @ 77F

Spec Gravity:1.07 (WATER=1)

Viscosity:2

0-25 @ 77F

Evaporation Rate & Reference:3.8 (BU AC=1)

Solubility in Water:NEGLIGIBLE

Appearance and Odor:YELLOW LIQUID WITH ACETONE ODOR

Percent Volatiles by Volume:73

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

Stability Indicator/Materials to Avoid:YES

CAN REACT WITH OXIDIZING MATERIAL WHEN HEATED TO DECOMPOSITION.

Stability Condition to Avoid:HIGH TEMPERATURE

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.

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 accurate 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.