

CHEMRAY COATING CORP -- PRIMER COATING ZINC CHROMATE GREEN 34151 --  
8010-00-582-5318

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

Product ID:PRIMER COATING ZINC CHROMATE GREEN 34151

MSDS Date:09/08/1989

FSC:8010

NIIN:00-582-5318

MSDS Number: BHVSV

=== 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

Emergency Phone Num:800-924-9300 CHEM TRAC

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:ZINC CHROMATE

CAS:13530-65-9

RTECS #:GB3290000

Fraction by Wt: 24%

OSHA PEL:0.1 MG/M3 (CRO3)

ACGIH TLV:0.01MG/M3(CR)A1;9192

Ingred Name:TOLUENE (SARA III)

CAS:108-88-3  
RTECS #:XS5250000  
Fraction by Wt: 15%  
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  
Fraction by Wt: 62%  
ACGIH TLV:300 PPM

Ingred Name:METHYL ETHYL KETONE (2-BUTANONE) (MEK) (SARA III)  
CAS:78-93-3  
RTECS #:EL6475000  
Fraction by Wt: 23%  
OSHA PEL:200 PPM/300 STEL  
ACGIH TLV:200 PPM/300STEL 9192  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

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

Ingred Name:METHYL ETHYL KETONE (2-BUTANONE) (MEK) (SARA III)  
CAS:78-93-3  
RTECS #:EL6475000  
Fraction by Wt: 12%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:200 PPM/300 STEL  
ACGIH TLV:200 PPM/300STEL 9192  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

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

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

Routes of Entry: Inhalation:YES S

kin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:EFFECTS OF ACUTE AND CHRONIC

OVEREXPOSURE NAUSEA, HEADACHE, DIZZINESS CAUSED BY OVER INHALATION

Explanation of Carcinogenicity:APPLICABLE (ALL HEXAVALENT CHROMIUM

COMPOUNDS ARE CONSIDERED TO BE CARCINOGENS.)

Effects of Overexposure:EFFECTS OF ACUTE AND CHRONIC 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: EYE CONTACT FLUSH WITH WATER FOR 15 MINUTES OR UNTIL IRRITATION SUBSIDES. IF IRRITATION PERSISTS CALL PHYSICIAN. SKIN: SKIN CONTACT REMOVE CONTAMINATED CLOTHING AND WASH THOROUGHLY WITH SOAP AND WATER. INHALATION: IF OVERCOME BY VAPORS, REMOVE TO FRESH AIR, CALL PHYSICIAN. INGESTION: DO NOT INDUCE VOMITING CALL PHYSICIAN.

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

Flash Point Method:SCC

Flash Point:24.0F,-4.4C

Autoignition Temp:Autoignition Temp Text:960F

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 FOR 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.

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===== Accidenta

I Release Measures =====

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

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

Handling and Storage Precautions:STORE AWAY FROM IGNITION SOURCES KEEP IN COOL/DRY/WELL VENTED AREAS. AVOID DIRECT

SULINGT AND EXTREME  
TEMPERATURES HOT/COLD.

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

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

Respiratory Protection:USE HYDROCARBON VAPOR CANISTER OR SUPPLIED AIR  
RESPIRATORY IN CONFINED AREA.

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

Protec

tive Gloves:CHEMICAL RESISTANT

Eye Protection:SPLASH GOGGLES OR FACE SHIELD

Other Protective Equipment:USE CHEMICAL RESISTANT APRON OR CLOTHING

Work Hygienic Practices:NA

Supplemental Safety and Health

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

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

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

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

Decomp Temp:Decomp Text:600F/316C

Vapor P

res:75F

Vapor Density:2.5

Spec Gravity:1.07

pH:NA

Viscosity:20-25

Evaporation Rate & Reference:3.8

Solubility in Water:NEGLIGIBLE

Appearance and Odor:GREEN LIQUID WITH ACETONE ODOR

Percent Volatiles by Volume:73

Corrosion Rate:NA

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

Stability Indicator/Materials to Avoid:YES

CAN REACT WITH OXIDIZING WHEN HEATED TO DECOMPOSITION

Stability Condition to Avoid:HIGH TEMPERATURE

Hazardous Decomposition Products:CARBON MONOXIDE

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===== 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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