

CHEMRAY COATING CORP -- PAINT, TRAFFIC, HIGHWAY-YELLOW 33538 -- 8010-00-900-3648
===== Product Identification =====

Product ID:PAINT, TRAFFIC, HIGHWAY-YELLOW 33538

MSDS Date:03/12/1990

FSC:8010

NIIN:00-900-3648

MSDS Number: BHVVV

=== 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: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

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

Ingred Name:CHROME YELLOW (AS LEAD CHROMATE)

CAS:7758-97-6

RTECS #:GB2975000

Fraction by Wt: 7.22%

Other REC Limits:NONE SPECIFIED

OSHA PEL:0.05 MG/M3

ACGIH TLV:0.05 MG/M3

Ingred Name:MET

HYL CHLOROFORM (1,1,1-TRICHLOROETHANE) (SARA III)

CAS:71-55-6

RTECS #:KJ2975000

Fraction by Wt: 18.93%

Other REC Limits:NONE SPECIFIED

OSHA PEL:350 PPM/450 STEL

ACGIH TLV:350 PPM/450STEL;9192

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ozone Depleting Chemical:1

Ingred Name:1,4-DIOXANE (DIETHYLENE DIOXIDE) (SARA III)

CAS:123-91-1

RTECS #:JG8225000

Other REC Limits:NONE SPECIFIED

OSHA PEL:S, 100 PPM

ACGIH TLV:S, 25 PPM; 9293

EPA Rpt Qty:100 LBS

DOT Rpt Qty:100 LBS

Ingred Name:VMP (ALIPHATIC NAPHTHALENE)

CAS:6472-48-9

Fraction by Wt: 10.0%

Other REC Limits:NONE SPECIFIED

OSHA PEL:300 PPM

ACGIH TLV:300 PPM

Ingred Name:TOLUENE (SARA III)

CAS:108-88-3

RTECS #:XS5250000

Fraction by Wt: 2.4%

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:N-BUTYL ACETATE (SARA III)

CAS:123-86-4

RTECS #:AF7350000

Fraction by Wt: 3.6%

Other REC Limits:NONE SPECIFIED

OSHA PEL:150 PPM/200 STEL

ACGIH TLV:150 PPM/200STEL;9192

EPA

Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:VOC. 2.07 LBS/GAL OR 248 GRAMS/LITER
RTECS #:9999999VO
Other REC Limits:NONE SPECIFIED

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

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:YES
Health Hazards Acute and Chronic:OVEREXPOSURE-NAUSEA, HEADACHE,
DIZZINESS CAUSED BY OVER INHALATION. NERVOUS SYSTEM DEPRESSION.
SKIN, EYE & UPPER RESPIRATORY TRACT IRRIT
ANT. CAN CAUSE DERMATITIS.
CAN ABSORB THROUGH SKIN & CAUSE AUDIT ORY & VESTIBULAR NERVE
DAMAGE.
Explanation of Carcinogenicity:LEAD CHROMATE & 1,4 DIOXANE ARE LISTED
AS CARCINOGENS.
Effects of Overexposure:OVEREXPOSURE-NAUSEA, HEADACHE, DIZZINESS CAUSED
BY OVER INHALATION. NERVOUS SYSTEM DEPRESSION. SKIN, EYE & UPPER
RESPIRATORY TRACT IRRITANT. CAN ABSORB THROUGH SKIN & CAUSE
AUDITORY & VESTIBULAR NERVE DAMAGE.
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 PHYSICIAN. SKIN
CONTACT: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 PHYSICIAN.

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

Flash Point Method:SCC
F
Flash Point:55.0F,12.8C
Autoignition Temp:Autoignition Temp Text:450F
Lower Limits:1.0
Upper Limits:6.0
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, 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 DOES ENTER.

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

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

Other Precautions: AVOID EYE, SKIN CONTACT. INHALATION OR 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 WITH ADEQUATE VENTILATION. MECHANICAL: USE EXPLOSION PROOF EQUIPMENT

Protective

Gloves: CHEMICAL RESISTANT

Eye Protection: SPLASH GOGGLES OR FACE SHIELDS

Other Protective Equipment: USE CHEMICAL RESISTANT APRON OR CLOTHING

Supplemental Safety and Health

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

HCC: F2

Boiling Pt: B.P. Text: 162F, 72C

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

Decomp Temp: Decomp Text: 600F, 316C

Vapor Pres: 45-134 @ 68F

Vapor Density: 4.6

Spec Gravity: 1.66 (H2O=1)

Viscosity: 70-80 @ 77FKREB

Evaporation Rate & Reference: 6.0 (BUTYL ACETATE=1)

Sol

ubility in Water:NEGLIGIBLE

Appearance and Odor:SCHOOL BUS YELLOW WITH PAINT SOLVENT ODOR.

Percent Volatiles by Volume:52.98

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

Stability Indicator/Materials to Avoid:YES

CAN REACT W/OXIDIZING MATERIAL WHEN HEAT TO DECOMP. STRONG ACIDS/BASES,
ALKALIES & REACTIVE METALS(IE SODIUM, POTASSIUM)

Stability Condition to Avoid:HIGH TEMPERATURE & HIGH PRESSURE IN
ALUMINUM SYSTEMS.

Hazardous Decomposition Products:CARBON MONOXIDE,
PHOSGENE &
HYDROCHLORIC ACID, CARBON DIOXIDE

===== 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 & FEDERAL
REGULATIONS.

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