

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

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===== 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.

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===== 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

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===== 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/WATERCOURSE S BY DIKING. ADVISE AUTHORITIES IF DOESENTER.

===== 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

Protecti

ve 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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