

CON-LUX COATINGS, INC. -- ENAMEL, SEMI-GLOSS RUST INHIBITING 24084 OD -- 8010-00-297-2124  
===== Product Identification =====

Product ID:ENAMEL, SEMI-GLOSS RUST INHIBITING 24084 OD

MSDS Date:10/18/1991

FSC:8010

NIIN:00-297-2124

MSDS Number: BNWLF

=== Responsible Party ===

Company Name:CON-LUX COATINGS, INC.

Address:226 TALMADGE ROAD

City:EDISON

State:NJ

ZIP:08818-0847

Country:US

Info Phone Num:908

-287-4000

Emergency Phone Num:800-424-9300 CHEMTREC

CAGE:60189

=== Contractor Identification ===

Company Name:CON-LUX COATINGS INC

Address:226 TALMADGE RD

Box:847

City:EDISON

State:NJ

ZIP:08818-0847

Country:US

Phone:732-287-4000

CAGE:60189

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

Ingred Name:ZINC OXIDE (SARA 313) (AS NUISANCE DUST) (VAPOR PRESSURE  
0.00 MM HG @ 20 C)

CAS:1314-13-2

RTECS #:ZH4810000

Fraction by Wt: 4%

Other REC Limits:NONE SPECIFIED

OSHA PEL:15MG/

M3 TDUST/5 FUME  
ACGIH TLV:10MG/M3 TDUST; 9293

Ingred Name:LEAD CHROMATE (SARA 313) (CARCINOGEN) (VAPOR PRESSURE 0.00  
MM HG @ 20 C)  
CAS:7758-97-6  
RTECS #:GB2975000  
Fraction by Wt: 15%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:.05PB.1CRO3(C)MG/M3

Ingred Name:CARBON BLACK (VAPOR PRESSURE 0.00 MM HG @ 20 C)  
CAS:1333-86-4  
RTECS #:FF5800000  
Fraction by Wt: >1%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:NOT ESTALBISHED  
ACGIH TLV:3.5 MG/M3

Ingred Name:ISO-PROPANOL (SARA 313) (VAPOR PRESSURE 44.00 MM  
HG @ 20 C)  
(LEL 2.0)  
CAS:67-63-0  
RTECS #:NT8050000  
Fraction by Wt: 4%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:400 PPM  
ACGIH TLV:400 PPM

Ingred Name:MINERAL SPIRITS (VAPOR PRESSURE 2.0 MM HG @ 20 C) (LEL 1.0)  
CAS:8052-41-3  
RTECS #:WJ8925000  
Fraction by Wt: >1%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:500 PPM  
ACGIH TLV:100 PPM; 9293

Ingred Name:LEAD ORTHO-PLUMBATE (VAPOR PRESSURE 1.00 MM HG @ 20 C)  
CAS:1314-41-6  
RTECS #:OG5425000  
Fraction by Wt: >1%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL

:.05 MG/M3 AS PB

Ingred Name:MAGNESIUM SILICATE (AS NUISANCE DUST) (VAPOR PRESSURE 0.00 MM HG @ 20 C)  
CAS:14807-96-6  
RTECS #:WW2710000  
Fraction by Wt: >1%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:20 MPPCF  
ACGIH TLV:2 MG/M3

Ingred Name:TOLUENE (SARA 313) (VAPOR PRESSURE 22 MM HG @ 20 C) (LEL 1.0)  
CAS:108-88-3  
RTECS #:XS5250000  
Fraction by Wt: 1%  
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

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== Hazards Identification =====

Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:YES  
Health Hazards Acute and Chronic:ACUTE: EYE/SKIN: IRRITATION.  
INHALATION: PROLONGED: IRRITATE RESPIRATORY TRACT. CHRONIC: REPORTS HAVE ASSOCIATED REPEATED AND PROLONGED OVEREXPOSURE TO SOLVENTS WITH PERMANENT BRAIN AND NERVOUS SYSTEM DAMAGE. EXCESSIVE LEAD OVEREXPOSURE MAY AFFECT BLOOD, NERVOUS, DIGESTIVE, RENAL OR REPRODUCTIVE SYSTEM. \*

Explanation of Carcinogenicity  
:HEXAVALENT CHROME IS A CARCINOGEN.  
Effects of Overexposure:INHALATION: HEADACHE, NAUSEA, DIZZINESS. LEAD INTOXICATION CAUSES FATIGUE, HEADACHE, INSOMNIA.  
\* TARGET ORGAN: CARDIAC SYSTEM, PULMONARY SYSTEM, NERVOUS SYSTEM, REPRODUCTIVE SYSTEM, DERMAL SYSTEM, LIVER, KIDNEY.

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

First Aid:INHAL: REMOVE TO FRESH AIR. RESTORE RESP IF NECESSARY. TREAT SYMPTOMATICALLY. EYE: FLUSH IMMED W/WATER 15 MIN. CONSULT DR

. SKIN:

WASH W/SOAP & WATER. REMOVE CONTAMIN CLOTHING. CONSULT DR IF IRRITATION PERSISTS. INGESTION: DRINK 1-2 GLASSES WATER TO DILUTE. INDUCE VOMITING. IF OCCURS SPONTANEOUSLY, KEEP HEAD BELOW KNEE LEVEL (PREVENT ASPIRATION INTO LUNGS). CONSULT DR OR POISON CONTROL CTR IMMED.

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

Flash Point Method:TCC

Flash Point:80.0F,26.7C

Lower Limits:SEE INGRED

Extinguishing Media:FOAM, CO2, DRY CHEMICAL, WATER MIST.

Fire

Fighting Procedures:SMOTHER FLAMES WITH ONE OF THE ABOVE EXTINGUISHING MEDIA. WATER MAY BE USED TO COOL DOWN UNOPENED CONTAINERS IN VICINITY.

Unusual Fire/Explosion Hazard:CONTAINS FLAMMABLE SOLVENT. DO NOT USE IN AREAS WHERE SPARKS OR OPEN FLAMES ARE PRESENT.

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

Spill Release Procedures:ELIMINATE ALL IGNITION SOURCES. WEAR APPROPRIATE PERSONAL PROTECTION EQUIPMENT AND APPROVED RESPIRATOR. PREVENT MATERIAL FROM CONTACTING ANY WATER SOURCES OR SEWERS LEADING TO SURFACE WATERS.

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

Handling and Storage Precautions:STORE IN AREAS DESIGNED TO COMPLY W/ANSI/NFPA 30 FLAMMABLE AND COMBUSTIBLE LIQ CODE. GROUND CNTNRS WHEN POURING LIQ & POWDERS TO AVOID STATIC BLDUP.

Other Precautions:DO NOT HANDLE UNTIL MANUFACTURERS SAFETY PRECAUTIONS HAVE BEEN READ/UNDERSTOOD. PROVIDE ADEQUATE VENTILATION OR RESPIRATORY PROTECTION TO REMOVE DECOMPOSITION PRODUCTS DURING WELDING OR FLAME CUTTING COATED SURFACES.

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

Respiratory Protection:OUTDOOR/OPEN AREAS (SUFF VENT DETERMINED TO EXIST) RSPRTR GENERALLY NOT REQUIRED. RESTRICTED VENT AREAS, A NIOSH/MSHA ORGANIC VAPOR RSPRTR RECOMMENDED. DURING SPRAY APPLIC, A RSPRTR PROVIDING ORGANIC VAPOR & SPRAY MIST PROTECTION RECOMM.

Ventilation:IN CONFINED SPACES MECHANICAL VENTILATION REQUIRED TO KEEP

CONTAMINANT CONCENTRATION BELOW CURRENT TLV.

Protective Gloves:IMPERVIOUS TYPE FOR LONG OR REPEATED USE

Eye Protection:SAFETY EYEWEAR (PROTECT AGAINST SPLASH)

Other Protective Equipment:PREVENT PROLONGED SKIN CONTACT WITH  
CONTAMINATED CLOTHING.

Work Hygienic Practices:WASH HANDS BEFORE EATING, SMOKING OR USING  
WASHROOM FACILITIES.

Supplemental Safety and Health

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

Boiling Pt:B.P. Text:148 TO 323F

Melt/Freeze Pt:M.P/F.P T

ext:11.25LB/GAL

Vapor Density:> AIR

Percent Volatiles by Volume:57.68

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

Stability Indicator/Materials to Avoid:YES

OXIDIZING AGENTS.

Stability Condition to Avoid:EXTREME HEAT, SPARKS OR OPEN FLAMES.

Hazardous Decomposition Products:MAY PRODUCE HAZARDOUS FUMES WHEN  
HEATED.

===== Disposal Considerations =====

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE AND  
LOCAL REG  
ULATIONS.

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