

SENTRY PAINT AND CHEMICAL CO -- OLIVE DRAB S/G ENAMEL X-5039 -- 8010-00-297-2105

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Product Identification
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Product ID:OLIVE DRAB S/G ENAMEL X-5039

MSDS Date:10/04/1994

FSC:8010

NIIN:00-297-2105

MSDS Number: BZSVF

=== Responsible Party ===

Company Name:SENTRY PAINT AND CHEMICAL CO

Address:MILL AND LAWRENCE ST

City:DARBY

State:PA

ZIP:19023

Country:US

Info Phone Num:215-522-1900

Emergency P

hone Num:800-424-9300 CHEMTREC

Preparer's Name:ALBERT FALCO

CAGE:34346

=== Contractor Identification ===

Company Name:SENTRY PAINT AND CHEMICAL CO

Address:MILL AND LAWRENCE ST

Box:City:DARBY

State:PA

ZIP:19023

Country:US

CAGE:34346

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Composition/Information on Ingredients
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Ingred Name:AROMATIC 100 (SARA 313) (LIGHT NAPHTHA)(VP = 5.2 @ 20C)

CAS:8032-32-4

RTECS #:OI6180000

Fraction by Wt: 15-30%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:NOT AVAILABLE

ACGIH TLV:300 PPM

Ingred Name:ISOBUTYL ALCOHOL (CERCLA)(VP = 8.8 @ 20C)

CAS:78-83-1

RTECS #:NP9625000

Fraction by Wt: 5-15%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:100 PPM

ACGIH TLV:50 PPM

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:XYLENE (SARA 313) (CERCLA)(14 @ 100F)

CAS:1330-20-7

RTECS #:ZE2100000

Fraction by Wt: 0.5-5.0%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:100 PPM

ACGIH TLV:100 PPM

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Name:N-BUTYL ALCOHOL (SARA 313) (CERCLA)(VP = 4.4 @ 20C)

CAS:71-36-3

RTECS #:EO1400000

Fraction by Wt: 5-15%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:50 PPM

ACGIH TLV:50 PPM

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:NAPHTHA, LIGHT ALIPHATIC (PETROLEUM) (THIS MATERIAL
CONTAINS UP TO 5 VOL.% BENZENE AND 20 VOL.% N-HEXANE)(45 @ 25C)

CAS:64742-89-8

Fraction by Wt: 5-15%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:300 PPM

ACGIH TLV:300 PPM

Ingred Name:1-METHOXY, 2-PROPANOL (VP = 10.9 @ 77F)

CAS:107-98-2

RTECS #:UB7700000

Fraction by Wt:

0.5-5.0%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:100 PPM
ACGIH TLV:100 PPM

Ingred Name:ZINC OXIDE (SARA 313) (CERCLA)
CAS:1314-13-2
RTECS #:ZH4810000
Fraction by Wt: 0.5-5.0%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:10 MG/M3
ACGIH TLV:10 MG/M3 TDUST; 9495

Ingred Name:LEAD TETRAOXIDE, (RED LEAD OXIDE)(VP = 10 @ 1985F)
CAS:1314-41-6
RTECS #:OG5425000
Fraction by Wt: 5-15%
Other REC Limits:0.15 MG/M3
OSHA PEL:0.05 MT/M3
ACGIH TLV:0.15 MG/M3

Ingred Name:LEAD SULFOCHROMATE
CAS:1344-37-2
Frac
tion by Wt: 5-15%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:0.05 MG/M3
ACGIH TLV:0.05 MG/M3

Ingred Name:VOC = 4.13 LB/GL, 496 G/L
RTECS #:9999999VO
Fraction by Wt: NA
Other REC Limits:NONE RECOMMENDED
OSHA PEL:NA
ACGIH TLV:NA

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:YES IARC:YES
Health Hazards Acute and Chronic:ACUTE:CONSTIPTN,SLEEP
DISTURB,FATIGUE,HEADACHE,ANOREXIA.INHAL

:COLIC,ANEMIA,VOMIT,NEURITIS
, CONVULSN,STUPOR,COMA,ENCEPHALOPATHY.EYES:IRRIT,RED,TEAR,BLUR
VISION.SKIN:DRY,IRRIT,DERMATITIS.INHAL:NASAL,RES
IRRIT,DIZZY,WEAK,NAUSEA,HEADACHE.INGEST:NAUSEA,DIARRHEA,ASPIRATN
HZD,CNS DEPRESS,LIVER,KIDNEY,LUNG,SPLEEN,BLOOD DISORDR.

Explanation of Carcinogenicity:LEAD IS ON ACGIH, IARC, & NTP LIST OF
INDUSTRIAL SUBSTANCES SUSPECTED OF CARCINOGENIC POTENTIAL.

Effects of Overexposure:CHRONIC;LEAD CUM EFFECT.FATIGUE,SLEEP
DISTURB,HEADACHE,ACHING

BONES/MUSCLES,CONSTIPATN,ABDOM

PAIN,ANOREXIA.INGEST:INTENSE PERIODIC

CRAMPS,CONSTIPTN,NAUSEA,VOMIT.BLOOD,NS/DIGESTIVE SYSTEM

EFFECTS.ANEMI

A,APATHY,DEPRESSION,PARALYSIS,ENCEPHALOPATHY.ASPIRATION PNEUMONITIS

MAY CAUSE DEATH.SIGNS:COUGH,CYANOSIS,SHORT BREATH**

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

First Aid:INHAL: REMOVE TO FRESH AIR IMMED. IF BREATHING STOPPED GIVE
ARTIF RESPIRATION. KEEP WARM, QUIET. GET MED AID IMMED. EYE: FLUSH
W/WAT

ER 15 MIN, LIFTING EYELIDS. GET MED AID. SKIN: WASH W/SOAP &
WATER. REMOVE CONTAMINATED CLOTHING. WASH CONTAM CLOTHING BEFORE
REUSE. INGEST: DO NOT INDUCE VOMITING. KEEP WARM, QUIET AND GET
MED ATTENTION.

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

Flash Point:40.0F,4.4C

Lower Limits:.990

Upper Limits:12.3

Extinguishing Media:CARBON DIOXIDE OR DRY CHEMICAL FOR SMALL FIRES.
FOAM FOR LARGE FIRES.

Fire Fighting Procedures:COOL CLOSED CONTAINERS WITH WATE
R SPRAY.

CARBON MONOXIDE AND CARBON DIOXIDE ARE PRODUCTS OF COMBUSTION. USE
APPROPRIATE RESPIRATOR.

Unusual Fire/Explosion Hazard:CLOSED CNTNR MAY BLD EXPLOSIVE PRESSR
FROM HEAT. VAPOR HEAVIER THAN AIR, MAY TRAVEL ALONG GROUND IGNITED
DISTANT FROM HANDLING PT. NEVER WELD/CUT ON/NEAR DRUM.

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

Spill Release Procedures:KEEP SPECTATORS AWAY. ELIMINATE IGNITION
SOURCES. DIKE, CONTAIN W/INERT MAT'L. TRANSR LIQ TO CO

VERED METAL

CONTAINER/REMOVE W/INERT ABOSRBNT. USE NON SPARK TOOL. PLACE ABSORB
DIKING IN CVRD METAL CNTN R. PREVENT CONTAM OF SEWERS, STREAMS,
GROUNDWATER.

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Handling and Storage
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Handling and Storage Precautions:DO NOT STORE OR HANDLE IN ALUMINUM
EQUIPMENT OVER 120F.

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Exposure Controls/Personal Protection
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Respiratory Protection:USE SELF-CONTAINED BREATHING APPARATUS WHERE
CONCENTRATIONS MAY BE ABOVE TLV. BELOW TLV, USE A NIOSH APPROVED
VAPOR RESPIRATOR.

Ventilation:LOCAL EXHAUST MUST BE SUFFICIENT TO KEEP AIRBORNE VAPOR
CONCENTRATION BELOW THE TLV.

Protective Gloves:CHEMICAL RESISTANT GLOVES

Eye Protection:SAFETY GLASSES WITH SIDE SHIELDS.

Other Protective Equipment:EYE BATH AND SAFETY SHOWER. TO PREVENT
REPEATED OR PROLONGED SKIN CONTACT, WEAR IMPERVIOUS CLOTHING &
BOOTS.

Supplemental Safety and Health

**COUGHING/LABORED BREATHING/CYANOSIS. EXTREME CASES - DEATH. REPORTS
ASSOCIATE CHRONIC OVEREXPOSURE W/PERMANENT BRAIN/NS DAMAGE. CAUSES
LIVER ABNORMALITIES;KIDNEY/LUNG/SPLEEN DAMAGE/BLOOD DISORDERS.

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Physical/Chemical Properties
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HCC:F2

Boiling Pt:B.P. Text:226 TO 300F

Vapor Density:> AIR

Spec Gravity:1.277

Viscosity:75-150*

Evaporation Rate & Reference:SLOWER THAN ETHER

Appearance and Odor:APPEARANCE IS COLOR 24084 OD PAINT, SOLVENT ODOR

Percent Volatiles by Volume:63.4

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Stability and Reactiv
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Stability Indicator/Materials to Avoid: YES

REACTS VIOLENTLY WITH HYDROGEN PEROXIDE. AVOID CONTACT WITH STRONG OXIDIZING AGENTS.

Stability Condition to Avoid: EXCESS HEAT, SPARKS, OPEN FLAME. AVOID CONTACT W/STRONG OXIDIZING AGENTS. CAUSTICS, AMINES, ALKANOLAMINES, ALDEHYDES*

Hazardous Decomposition Products: HIGHLY TOXIC PHENOL FUMES.

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

Waste Disposal Methods: DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE &

LOCAL LAWS. INCINERATE ONLY IN EPA PERMITTED FACILITY. DO NOT INCINERATE CLOSED CONTAINERS.

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