

PRO-LINE PAINT COMPANY -- BLACK VINYL ANTIFOULING PAINT -- 8010-01-380-0337

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

Product ID:BLACK VINYL ANTIFOULING PAINT

MSDS Date:10/09/1994

FSC:8010

NIIN:01-380-0337

MSDS Number: CGXTJ

=== Responsible Party ===

Company Name:PRO-LINE PAINT COMPANY

Address:2646 MAIN STREET

City:SAN DIEGO

State:CA

ZIP:92113-3613

Country:US

Info Phone Num:619-231-2313 OR 232-8968

Emer

gency Phone Num:800-535-5053

Preparer's Name:E. SOETERICK

CAGE:9D157

=== Contractor Identification ===

Company Name:PRO-LINE PAINT CO

Address:2646 MAIN STREET

Box:City:SAN DIEGO

State:CA

ZIP:92113-3697

Country:US

Phone:619-231-2313; 619-232-8968

CAGE:9D157

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

Ingred Name:CUPROUS OXIDE (SARA 313)

CAS:1317-39-1

Fraction by Wt: 59.3%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:1 MG/M3

ACGIH TLV:1 MG/M3

Ingred Name:NORMAL BUTYL ACET

ATE (CERCLA)
CAS:123-86-4
RTECS #:AF7350000
Fraction by Wt: 10.3%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:150 PPM/STEL 200
ACGIH TLV:150 PPM
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:BLACK IRON OXIDE
CAS:1333-86-4
RTECS #:FF5800000
Fraction by Wt: 10.9%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:3.5 MG/M3
ACGIH TLV:3.5 MG/M3

Ingred Name:VINYL CHLORIDE ACETATE RESIN
CAS:9003-22-9
Fraction by Wt: 2.70%
Other REC Limits:NONE RECOMMENDED

Ingred Name:GUM ROSIN
CAS:8050-09-7
Fraction
by Wt: 10.4%
Other REC Limits:NONE RECOMMENDED
ACGIH TLV:500 MG/KG

Ingred Name:METHYL AMYL KETONE
CAS:110-43-0
RTECS #:MJ5075000
Fraction by Wt: 1.7%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:100 PPM
ACGIH TLV:50 PPM

Ingred Name:ISODECYLDIPHOSPHATE
CAS:29761-21-5
Fraction by Wt: 2.4%
Other REC Limits:NONE RECOMMENDED

Ingred Name:NORMAL BUTYL ALCOHOL
CAS:71-36-3
RTECS #:EO1400000
Fraction by Wt: 1.7%
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:PROPRIETARY INGREDIENT

Fraction by Wt: BALANCE

Other REC Limits:NONE RECOMMENDED

Ingred Name:VOC = 291 G/L

RTECS #:9999999VO

Other REC Limits:NONE RECOMMENDED

OSHA PEL:NOT RELEVANT

ACGIH TLV:NOT RELEVANT

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

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

Health Hazards Acute and Chronic:EYE: IRRIT, DAMAGE, BURNING SENSATION.

SKIN: B

BURNING SENSATION, DERMATITIS, DEFATTING, IRRIT. INHAL: IRRIT

TO NOSE/THROAT, HEADACHE, NAUSEA, VOMIT, LIVER/KIDNEY DAMAGE, COMA.

INGEST: TOXIC, BURNING SENSATION, VOMIT DIARRHEA, DROWSY,

UNCONSCIOUS.

Medical Cond Aggravated by Exposure:ASTHMA AND SKIN ALLERGIES.

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

First Aid:EYE: FLUSH W/WATER. SKIN: WASH W/WATER, THEN W/SOAP & WATER.

INHAL: REMOVE TO FRESH AIR. ARTIF RESP IF NEEDED. INGEST: CALL DR.

IN ALL

CASES, GET IMMED MED AID.

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

Flash Point Method:TCC

Flash Point:80.0F,26.7C

Autoignition Temp:Autoignition Temp Text:734F

Lower Limits:1.0

Upper Limits:8.0

Extinguishing Media:WATER SPRAY, CARBON DIOXIDE, FOAM, DRY CHEMICAL.

Fire Fighting Procedures:BLANKET FLAME W/EXTINGUISHING MEDIA. PREVENT

HUMAN EXPOSURE TO FIRE, SMOKE, FUMES, ETC. USE FULL-FACE SCBA &

IMPERVIOUS CLOTHES, HOODS, SUITS & RUBBER GLOVES.

Unusual Fire/Ex

plosion Hazard:KEEP MATERIAL AWAY FROM IGNIT SOURCES.

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

Spill Release Procedures:REMOVE IGNITS. VENT AREA. PROTECT CLEANUP PERSON W/8540 3M CORP RESPIRATOR & GOGGLES.

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

Handling and Storage Precautions:PROTECT AGAINST PHYSICAL DAMAGE TO CONTAINER & SPILLAGE. STORE IN A COOL, WELL VENTED AREA W/SPRINKLER SYSTEM. KEEP FROM HEAT. POST NO SMOKING SIGNS.

Other Precautions:TRAIN EMPLOYEES ON ALL SPECIAL HANDLING PROCEDURES BEFORE THEY WORK WITH THIS PRODUCT.

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

Respiratory Protection:USE DUST/MIST RESPIRATOR (HIGH EFFICIENCY CARTRIDGE ADVISED). IF SPRAYING OR SANDING, USE ORGANIC VAPOR CARTRIDGE RESPIRATOR IF TLV EXCEEDED E.G. 8540 3M CORP NIOSH APPROVED RESPIRATOR. USE AIR-FED HO OD IN CONFINED AREAS.

Ventilation:USE LOCAL EXHAUST WHEN APPLYING PAINT IN CONFINED AREAS.

Protective Gloves:SOLVENT RESISTANT

Eye Protection:GOGGLES W/SIDE SHIELDS

Other Protective Equipment:USE PROTECTIVE CLOTHES. HAVE EMERGENCY SHOWER AND EYEWASH STATION AVAILABLE.

Work Hygienic Practices:CHANGE CONTAM CLOTHES IMMEDIATELY.

Supplemental Safety and Health
NK

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

Boiling Pt:B.P. Text:241F,116C

Melt/Freeze Pt:M.P/F.P Text:NA

Vapor Pres:32 @ 100F

Vapor Density:3.61 AIR=1

Spec Gravity:2.48

Evaporation Rate &

Reference:1.17 (BUAC = 1)

Solubility in Water:0.97

Appearance and Odor:BLACK LIQUID, W/SHARP SOLVENT ODOR.

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING MATERIALS, ACIDS, ALKALIES, AMINES, CHLORINATED HYDROCARBONS IN THE PRESENCE OF ALKALIES.

Stability Condition to Avoid:HEAT, SPARKS, OPEN FLAMES. DONT ALLOW VAPORS TO ACCUMULATE.

Hazardous Decomposition Products:FUMES COLLECT IN CONFINED AREAS, SPARK

S/OPEN FLAMES MAY IGNITE IT. CO, CO₂, HYDROGEN CHLORIDE &
OTHER ORGANIC COMPOUNDS.

Conditions to Avoid Polymerization:EXTREME HEAT, SPARKS AND OPEN FLAME.

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

Waste Disposal Methods:USE METAL CONTAINERS MARKED DO NOT REUSE. PUT
MATERIAL IN CONTAINER. USE VERMICULITE OR OTHER INERT ABSORBENT.
DISPOSE OF IN ACCORDANCE W/FEDERAL, STATE & LOCAL REGULATIONS. KEEP
AWAY FROM SEWER.

Disclaimer (provided with this informa
tion by the compiling agencies):

This information is formulated for use by elements of the Department
of Defense. The United States of America in no manner whatsoever,
expressly or implied, warrants this information to be accurate and
disclaims all liability for its use. Any person utilizing this
document should seek competent professional advice to verify and
assume responsibility for the suitability of this information to their
particular situation.