

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

Emerg

ency 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 ACETA

TE (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: BU

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

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

INGEST: TOXIC, BURNING SE NSATION, 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 C

ASES, 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/Exp

losion 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.

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ther 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 AR  
EAS.

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,  
SPARKS

/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.

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