

DEVOE COATINGS CO DIV OF GROW GROUP INC -- VINYL BLACK AF F-129 P/N 829S4333 --
8010-01-286-7051

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

Product ID:VINYL BLACK AF F-129 P/N 829S4333
MSDS Date:11/24/1992
FSC:8010
NIIN:01-286-7051
MSDS Number: BSHWT
=== Responsible Party ===
Company Name:DEVOE COATINGS CO DIV OF GROW GROUP INC
Address:4000 DUPONT CIR
Box:7600
City:LOUISVILLE
State:KY
ZIP:40207-4802
Count
ry:US
Info Phone Num:502-897-9861
Emergency Phone Num:800-424-9300
CAGE:1HK86
=== Contractor Identification ===
Company Name:DEVOE COATINGS CO
Address:4000 DUPONT CIRCLE
Box:7600
City:LOUISVILLE
State:KY
ZIP:40207-4802
Country:US
Phone:502-897-9861
CAGE:1HK86

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

Ingred Name:COPPER OXIDE (SARA 313)
CAS:1317-39-1
RTECS #:GL8050000
Fraction by Wt: 60%
Other REC Limits:NONE SPECIFIED
OSHA PEL:1 MG/M3
ACGIH TLV:1 MG/M3 COPPER

Ingred

Name:IRON OXIDE
CAS:1317-61-9
Fraction by Wt: 10%
Other REC Limits:NONE SPECIFIED
ACGIH TLV: 5 MG/M3 FUME

Ingred Name:METHYL ISOBUTYL KETONE (SARA 313) (LD50:1.6-3.2 GM/KG -
LC50 2000-4000 PPM) (VAPOR PRESSURE 15 MM HG) (CERCLA 103A)
CAS:108-10-1
RTECS #:SA9275000
Fraction by Wt: 10%
Other REC Limits:NONE SPECIFIED
OSHA PEL:50 PPM
ACGIH TLV:50 PPM
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:ROSIN ACID
CAS:8050-09-7
Fraction by Wt: 10%
Other REC Limits:NONE SPECIFIED

Ingred Name
:TRICRESYL PHOSPHATE (LD50 >20 GM/KG LC50 200 MG/L)
CAS:68952-35-2
Fraction by Wt: < 5%
Other REC Limits:NONE SPECIFIED

Ingred Name:VINYL CHLORIDE-VINYL ACETATE POLYMER
CAS:9003-22-9
Fraction by Wt: < 5%
Other REC Limits:NONE SPECIFIED

Ingred Name:XYLENE (SARA 313) (CERCLA 103A) (LD50>5 GM/KG) (VAPOR
PRESSURE 6 MM HG)
CAS:1330-20-7
RTECS #:ZE2100000
Fraction by Wt: < 5%
Other REC Limits:NONE SPECIFIED
OSHA PEL:100 PPM
ACGIH TLV:100 PPM
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name

:VOC: 310.45 G/L
RTECS #:9999999VO
Other REC Limits:NONE SPECIFIED

===== 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:ACUTE: IRRITATION OF THE RESPIRATORY TRACT; HEADACHE, NAUSEA, DIZZINESS, WEAKNESS, FATIGUE. EXTREME EXPOSURE CAN RESULT IN UNCONSCIOUSNESS & EVEN RESPIRATORY ARREST. SKIN/EYE: CAUSED EYE & SKIN IRRITATION.
MAY BE HARMFUL IF ABSORBED THROUGH SKIN. INGESTION: STOMACH/INTESTINAL IRRITATION, NAUSEA, VOMITING & DIARRHEA.
Explanation of Carcinogenicity:MAY CONTAIN CHEMICAL(S) KNOWN TO STATE OF CALIF TO CAUSE CANCER, BIRTH DEFECTS, OR OTHER REPRODUCTIVE HARM (PROP-65)
Effects of Overexposure:CHRONIC: REPORTS HAVE ASSOCIATED REPEATED & PROLONGED OCCUPATIONAL OVEREXPOSURE TO SOLVENTS WITH PERMANENT BRAIN & NERVOUS SYSTEM DAMAGE. PROLONGED OR REPEATED BREATHING OF SPRAY MIST &/OR SANDING DUST OVER A PERIOD OF YEARS MAY CAUSE DUST DISEASE OF THE LUNGS.
Medical Cond Aggravated by Exposure:NONE, WHEN USED IN ACCORDANCE WITH SAFE HANDLING & USE INFORMATION. INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING & INHALING THE CONTENTS MAY BE HARMFUL OR FATAL.

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

First Aid:INHALATION: REMOVE TO FRESH AIR. RESTORE BREATHING. GET MEDICAL ATTENTION. EYES: FLUSH IMMEDIATELY WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION INGESTION: CONSULT A PHYSICIAN IMMEDIATELY. DO NOT INDUCE VOMITING. ASPIRATION OF VOMITUS CAN CAUSE CHEMICAL PNEUMONITIS WHICH CAN BE FATAL. SKIN: WASH AFFECTED AREA WITH SOAP & WATER. GET MEDICAL ATTENTION IF IRRITATION PERSISTS.

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

Flash Point Method:SCC
Flash Point:68.0F,20.0C
Lower Limits:1
Extinguishing Media:IN CASE OF FIRE USE CO2, DRY CHEMICAL, FOAM OR WATER

HER NFPA APPROVED METHOD FOR TREATING CLASS B FIRE.

Fire Fighting Procedures:USE FULL PROTECTIVE CLOTHING INCLUDING SCBA.

WATER SPRAY INEFFECTIVE; IF USED, FOG NOZZLE PREFERABLE. IF EXPOSED TO EXTREME HEAT, WATER TO COOL CLOSED CONTAINER

Unusual Fire/Explosion Hazard:TO PREVENT PRESSURE BUILDUP OR

AUTO-IGNITION. KEEP CONTAINERS TIGHTLY CLOSED. KEEP FROM HEAT.

VAPORS MAY CAUSE FLASH FIRE. VAPORS MAY IGNITE EXPLOSIVELY. *

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

Spill Release Procedures:REMOVE ALL SOURCES OF IGNITION. PREVENT BREATHING OF VAPORS. VENTILATE AREA. BEFORE ATTEMPTING CLEAN-UP, REFER TO HAZARD INFO. CONTAIN SPILLED MATERIAL & REMOVE WITH INERT ABSORBENT & NON-SPARKING TOOLS.

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

Handling and Storage Precautions:KEEP AWAY FROM ALL HEATS. DON'T SMOKE. DO NOT STORE ABOVE 120F OR NEAR FIRE OR OPEN FLAME. STORE IN BLDGS DESIGNED TO COMPLY WITH OSHA 1910.106.

Other Precautions:KEEP CONTAINERS CLOSED WHEN NOT IN USE. DO NOT TRANSFER CONTENTS TO BOTTLES OR OTHER UNLABELED CONTAINER. DO NOT REUSE EMPTY CONTAINERS. IF THIS MATERIAL IS PART OF A TWO COMPONENT PRODUCT, THEN THE MIXTURE OF BASE & CONVERTER ARE HAZARDOUS

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

Respiratory Protection:WHEN USED IN RESTRICTED VENTILATION AREAS, WEAR CHEMICAL/MECHANICAL FILTER. WHEN USED IN CONFINED AREA WEAR AIR-SUPPLIED

RESPIRATORS OR USE HOODS. USE RESPIRATOR WHEN FLAME CUTTING, WELDING, BRAZING & SANDING MATERIAL COATED WITH THIS PRODUCT.

Ventilation:GENERAL DILUTION, LOCAL EXHAUST VENTILATION IN VOLUME/PATTERN TO KEEP AIR CONTAMINANT BELOW CURRENT LIMITS.

Protective Gloves:SOLVENT IMPERMEABLE PREVENT SKIN CONTACT

Eye Protection:SPLASH GUARDS/SIDE SHIELDS,SAFETY GLASS.

Other Protective Equipment:DO NOT GET ON SKIN. SOLVENT IMPERMEABLE CLOTHING & BOOTS TO PREVENT SKIN CONTACT ARE RECOMMENDED.

W

ork Hygienic Practices:REMOVE & WASH CONTAMINATED CLOTHING. WASH HANDS BEFORE EATING OR SMOKING. SMOKE IN DESIGNATED AREAS ONLY.

Supplemental Safety and Health

* VAPORS MAY SPREAD LONG DISTANCES & BEYOND CLOSED DOOR. DUE TO PRESSURE BUILD-UP, CLOSED CONTAINERS EXPOSED TO EXTREME HEAT MAY EXPLODE. NEVER USE WELDING OR CUTTING TORCH ON OR NEAR CONTAINER (EVEN EMPTY) AS PRODUCT OR ITS RESIDUE MAY IGNITE. DURING EMERGENCY CONDITIONS OVEREXPOSURE TO DECOMP MAY CAUSE HEALTH HAZARD.

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

HCC:F2

Boiling Pt:B.P. Text:241 TO 466F

Vapor Density:> AIR

Spec Gravity:19.6 LB/GAL

Evaporation Rate & Reference:SLOWER THAN ETHER

Percent Volatiles by Volume:37.71

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

Stability Indicator/Materials to Avoid:YES

AVOID CONTACT WITH STRONG OXIDIZING AGENTS.

Hazardous Decomposition Products:MAY CAUSE TOXIC FUMES WHEN HEATED TO DECOMPOSITION. FUMES M

AY CONTAIN CARBON MONOXIDE/DIOXIDE, OXIDES OF PHOSPHORUS,**

Conditions to Avoid Polymerization:**COPPER COMPOUNDS, CHLORINE OR HCL.

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE & FEDERAL REGULATIONS. INCINERATE ONLY IN APPROVED FACILITY. DO NOT INCINERATE CLOSED CONTAINER. STORE IN CLOSED CONTAINER UNTIL PROPERLY DISPOSED OF.

Disclaimer (provided with this information 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.