

SHERWIN-WILLIAMS, SEAGUARD -- MIL-P-24441/1/20 F-150A COMP TY1 & TY III ORGANIC COATING
-- 8010-01-350-4742

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

Product ID:MIL-P-24441/1/20 F-150A COMP TY1 & TY III ORGANIC COATING

MSDS Date:12/03/1997

FSC:8010

NIIN:01-350-4742

Status Code:A

MSDS Number: CLHYF

=== Responsible Party ===

Company Name:SHERWIN-WILLIAMS, SEAGUARD

Address:3560 ELM AVE.

City:PORTSMOUTH

Sta

te:VA

ZIP:23704

Country:US

Info Phone Num:757-397-2223

Emergency Phone Num:757-397-2223

Preparer's Name:HENRY SIMMONS

CAGE:60163

=== Contractor Identification ===

Company Name:SHERWIN-WILLIAMS, SEAGUARD

Address:3560 ELM AVE.

Box:City:PORTSMOUTH

State:VA

ZIP:23704

Country:US

Phone:757-397-2223

CAGE:60163

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

Ingred Name:TITANIUM DIOXIDE

CAS:13463-67-7

RTECS #:XR2275000

= Wt:15.

OSHA PEL:15 MG/M3

ACGIH TLV:10 MG/M3

Ingred Name:YEL

LOW IRON OXIDE PIGMENT

CAS:51274-00-1

= Wt:5.

Ingred Name:MAGNESIUM SILICATE INN-5001

CAS:14807-96-6

RTECS #:WW2710000

= Wt:40.

OSHA PEL:SEE TABLE Z-3

ACGIH TLV:2 MG/M3

Ingred Name:N-BUTYL ALCOHOL

CAS:71-36-3

RTECS #:EO1400000

= Wt:30.

OSHA PEL:300 MG/M3;100 PPM

ACGIH STEL:C152 MG/M3;C50 PPM

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:POLYAMIDE

= Wt:20.

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

Effects of Overexposure:BREATHING OF HIGH VAPOR CONCENTRATIONS MAY

PRODUCE NARCOSIS. LIQUID MAY CAUSE MINOR SKIN IRRITATION. REPEATED & PROLONGED OVEREXPOSURES TO SOLVENTS COULD CAUSE PERMANENT BRAIN & NERVOUS SYSTEM DAMAGE. INTENTION MISUSE BY DELIBERATELY CONCENTRATING & INHALING CONTENTS MAY BE HARMFUL OR FATAL.

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

First Aid:INHALATION: REMOVE TO FRESH AIR. RESTORE BREATHING. CONSULT A PHYSICIAN. SKIN CONTACT: FLUSH WITH WATER. EYE CONTACT: FLUSH IMMEDIATELY WITH

LARGE AMOUNTS OF WATER. CONSULT A PHYSICIAN. FIRST AID: IN CASE OF EYE CONTACT, FLUSH IMMEDIATELY WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES AND GET IMMEDIATE MEDICAL ATTENTION; FOR SKIN WASH THOROUGHLY WITH SOAP AND WATER. IF SWALLOWED, GET MEDICAL ATTENTION IMMEDIATELY.

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

Flash Point Method:SCC

Flash Point:=-37.2C, 99.F

Lower Limits:1.0%

Upper Limits:11.2%

Extinguishing Media:WATER FOG, FOAM, CARBON DIO

XIDE, DRY CHEMICAL

Fire Fighting Procedures:USE NIOSH/MSHA APPROVED GAS MASK FOR FIRE FIGHTING FOR FIRE FIGHTING PERSONNEL. WATER MAY BE USED TO COOL CONTAINERS. IF WATER IS USED FOG NOZZLES ARE PREFERRED.

Unusual Fire/Explosion Hazard:KEEP CONTAINERS TIGHTLY CLOSED. VAPORS MAY MIGRATE TO IGNITION SOURCES. VAPORS MAY MIGRATE TO IGNITION SOURCE AND CAUSE FLASH FIRE. ISOLATE FROM HEAT, SPARKS, ELECTRICAL EQUIPMENT, APPLIANCES, PILOT LIGHTS, FLAME AND OTHER SOURCES OF IGNITION. COMBUSTIBLE LIQUID AND VAPOR.

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

Spill Release Procedures:IN CASE OF SPILLAGE ABSORB WITH INERT MATERIAL AND DISPOSE OF IN ACCORDANCE WITH APPLICABLE REGULATIONS OF EPA AND OTHER LOCAL, STATE, AND FEDERAL AUTHORITIES.

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

Handling and Storage Precautions:STORE AWAY FROM HEAT, SPARKS AND OPEN FLAME. AVOID PROLONGED SKIN CONTACT. DO NOT BREATHE SPRAY MIST.

STORE IN A COOL DRY AREA WITH VENTILATION SUITABLE FOR STORING MATERIALS SHOWN IN SECTION II.

Other Precautions:GROUND CONTAINERS WHILE POURING. AVOID SPONTANEOUS COMBUSTION OF CONTAMINATES RAGS OR OTHER ORGANIC MATERIALS. EMPTY CONTAINERS MAY RETAIN HAZARDOUS PROPERTIES AND CAN BE DANGEROUS.

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

Respiratory Protection:NIOSH/OSHA APPROVED RESPIRATOR TYPES SUITABLE FOR MATERIALS IN SECTION II RECOMMENDED

. APPROVED

CHEMICAL/MECHANICAL FILTERS RECOMMENDED WHEN VENTILATION IS RESTRICTED. DO NOT BREATHE (DUST, VAPORS, OR SPRAY MIST). WEAR APPROPRIATE, RESPIRATOR (NIOSH/MSHA APPROVED) DURING & AFTER APPLICATION.

Ventilation:SUFFICIENT VENTILATION, IN VOLUME AND PATTERN, SHOULD BE PROVIDED TO KEEP AIR CONTAMINATION BELOW CURRENT APPLICABLE OSHA PERMISSIBLE EXPOSURE LIMIT.

Protective Gloves:CHEMICAL RESISTANT PLASTIC OR RUBBER.

Eye Protection:CHEMICAL GOGGLES WITH SIDE SHIELDS

OR FACE SHIELD
RECOMMENDED.

Other Protective Equipment:AS REQUIRED TO AVOID WETTING CLOTHING. USE
PROTECTIVE CREAMS WHERE SKIN CONTACT IS LIKELY. REMOVE AND WASH
CONTAMINATED CLOTHING BEFORE REUSE, EYE BATH AND SAFETY SHOWER.

Work Hygienic Practices:AVOID CONTACT WITH EYES, SKIN, AND CLOTHING.
WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health

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

Boiling Pt:=117.2C, 243.F

B.P. Text:243-284F

Vapor Dens

ity:>AIR

VOC Pounds/Gallon:380

VOC Grams/Liter:3.16

Evaporation Rate & Reference:SLOWER THAN ETHER

Solubility in Water:INSOLUBLE

Appearance and Odor:LIQUID, ALCOHOL ODOR

Percent Volatiles by Volume:48.1

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS.

Stability Condition to Avoid:EXCESSIVE HEAT, SPARKS, OR OPEN FLAME.

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

Waste Disposal Me

thods:PLACE IN CLOSED CONTAINERS. DISPOSE OF PRODUCT
IN ACCORDANCE WITH LOCAL COUNTY AND STATE REGULATIONS.

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