

SEAGRAVE COATINGS CORP OF VA -- MIL-P-24441/1 F150A COMP 24272 -- 8010-00-437-6757  
===== Product Identification =====

Product ID:MIL-P-24441/1 F150A COMP 24272  
MSDS Date:10/16/1990  
FSC:8010  
NIIN:00-437-6757  
Kit Part:Y  
MSDS Number: BTSWT  
=== Responsible Party ===  
Company Name:SEAGRAVE COATINGS CORP OF VA  
Address:4030 SEAGUARD AVENUE  
City:PORTSMOUTH  
State:VA  
ZIP:23701  
Country:US  
Info Phone Num:804-488-4411  
Emergency Phone Num:804-488-4411/800-424-9300 CHERMTREC  
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  
Fraction by Wt: 10%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:15 MG/M3 TDUST  
ACGIH TLV:10 MG/M3 TDUST; 9394

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d Name:IRON OXIDE  
CAS:1309-37-1  
RTECS #:NO7400000  
Fraction by Wt: 5%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:10 MG/M3 (FE)  
ACGIH TLV:5MG(FE)/M3FUME,B2;94

Ingred Name:TALC (CONTAINING ASBESTOS)  
CAS:14807-96-6  
RTECS #:MW2700000  
Fraction by Wt: 35%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:0.2 FIBERS/CC  
ACGIH TLV:0.2 FIBERS/CC; 9394

Ingred Name:SILICA, CRYSTALLINE - QUARTZ  
CAS:14808-60-7  
RTECS #:VV7330000  
Fraction by Wt: 10%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:10 MG/M3 RDUST; Z-3  
ACGIH  
TLV:0.1 MG/M3 RDUST;9394

Ingred Name:N-BUTYL ALCOHOL (SARA III)  
CAS:71-36-3  
RTECS #:EO1400000  
Fraction by Wt: 25%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:100 PPM  
ACGIH TLV:S, C 50 PPM; 9394  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:AMIDO-AMINE-RESIN  
CAS:68443-08-3  
Fraction by Wt: 5%  
Other REC Limits:NONE RECOMMENDED

Ingred Name:POLYAMIDE RESIN  
Fraction by Wt: 25%  
Other REC Limits:NONE RECOMMENDED

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===== 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:SKIN CONTACT-PRIMARY IRRITATION. SKIN CONTACT-PRIMARY IRRITATION.  
Explanation of Carcinogenicity:NOT CARCINOGENIC.  
Effects of Overexposure:INHALATION-IRRITATION TO RESPIRATORY TRACT, HEADACHE, DIZZINESS, AND NAUSEA.  
Medical Cond Aggravated by Exposure:PRE-EXISTING SENSITIVITY TO SOLVENTS CAN CAUSE A HEIGHTENED REACTION TO EXPOSURE TO THIS PRODUCT.

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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.

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

Flash Point Method:TCC  
Flash Point:99.0F,37.2C  
Lower Limits:1.4  
Upper Limits:11.2  
Extinguishing Media:WATER FOG, DRY CHEMICAL, FOAM, ALCOHOL, CARBON DIOXIDE.  
Fire Fighting Procedures:WATER MAY BE USED TO COOL CLOSED CONTAINERS TO PREVENT PRESSURE BUILDUP AND POSSIBLE AUTOIGNITION OR EXPLOSION WHEN EXPOSED TO EXTREME HEAT.  
Unusual Fire/Explosion Hazard:ISOLATE FROM HEAT, SPARKS AND OPEN FLAMES. CLOSED CONTAINERS MAY EXPLODE WHEN EXPOSED TO EXTREME HEAT.

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

Spill Release Procedures:AVOID BREATHING SOLVENT VAPOR. ENSURE ADEQUATE VENTILATION. AVOID SPARKS, FLAMES, ANY THING WHICH COULD CAUSE FIRE.

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

Handling and Storage Precautions:STORE IN COOL DRY AREA WITH VENTILATION SUITABLE FOR STORING MATERIALS SHOWN IN INGREDIENTS SECTION.  
Other Precautions:PROVIDE RESPIRATORY PROTECTION AGAINST FUMES GENERATED DURING BURNING.

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

Respiratory Protection:NIOSH/OSHA APPROVED RESPIRATOR TYPES SUITABLE FOR MATERIALS IN INGREDIENTS SECTION.

DIENTS SECTION RECOMMENDED. APPROVED

CHEMICAL/MECHANICAL FILTERS RECOMMENDED WHEN VENTILATION IS RESTRICTED. APPROVED AIRLINE TYPE RESPIRATOR OR HOODS RECOMMENDED.

Ventilation:SUFFICIENT VENTILATION, IN VOLUME & PATTERN, SHOULD BE PROVIDED TO KEEP AIR CONTAMINATION BELOW CURRENT PEL OR TLV'S.

Protective Gloves:RECOMMENDED FOR PROLONGED CONTACT.

Eye Protection:CHEMICAL GOGGLES WITH SIDE SHIELDS.

Other Protective Equipment:USE PROTECTIVE CREAMS WHEN SKIN CONTACT IS LIKELY. REMOVE

AND WASH CONTAMINATED CLOTHING BEFORE REUSE.

Work Hygienic Practices:WASH HANDS BEFORE EATING OR SMOKING. SMOKE IN DESIGNATED AREAS ONLY.

Supplemental Safety and Health  
NONE.

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

HCC:F4

Boiling Pt:B.P. Text:244F,118C

Vapor Density:>AIR

Spec Gravity:11.9

Evaporation Rate & Reference:IS SLOWER THAN ETHER

Solubility in Water:INSOLUBLE

Appearance and Odor:GREEN LIQUID. BUTYL ALCOHOL ODOR.

Percent Volatiles by Volume:48.1

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

Stability Indicator/Materials to Avoid:YES

OXIDIZING MATERIALS CAN CAUSE A VIGOROUS REACTION.

Stability Condition to Avoid:THIS PRODUCT STABLE UNDER NORMAL STORAGE CONDITIONS.

Hazardous Decomposition Products:AS WITH ANY OTHER ORGANIC MATERIAL, COMBUSTION WILL PRODUCE CARBON DIOXIDE AND PROBABLY CARBON MONOXIDE.

Conditions to Avoid Polymerization:COULD OCCUR UNDER NORMAL CONDITIONS. CARE MUST BE EXERCISED.

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

Waste Disposal Methods:SOAK LIQUIDS WITH SAWDUST OR RAGS AND REMOVE.  
FLUSH WITH WATER IF POSSIBLE. AVOID SKIN CONTACT. DISPOSAL SHOULD  
BE IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

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