

PPG INDUSTRIES INC -- RED DECK ENAMEL ALKYD -- 8010-00-292-1813

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Product Identification  
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Product ID:RED DECK ENAMEL ALKYD

MSDS Date:09/05/1991

FSC:8010

NIIN:00-292-1813

MSDS Number: BWCWZ

=== Responsible Party ===

Company Name:PPG INDUSTRIES INC

Address:1 PPG PL

City:PITTSBURGH

State:PA

ZIP:15272

Country:US

Info Phone Num:412-434-3131

Emergency Phone Num:412-434-3131

CAGE:47695

=== Cont

actor Identification ===

Company Name:PPG INDUSTRIES INC

Address:ONE PPG PLACE

Box:City:PITTSBURGH

State:PA

ZIP:15272

Country:US

Phone:1-800-245-2974 (CAL HYPO)

CAGE:47695

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Composition/Information on Ingredients  
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Ingred Name:TALC (CONTAINING ASBESTOS)

CAS:14807-96-6

RTECS #:MW2700000

Fraction by Wt: 5-10% %

Other REC Limits:NONE RECOMMENDED

OSHA PEL:0.2 FIBERS/CC

ACGIH TLV:0.2 FIBERS/CC; 9394

Ingred Name:ZINC OXIDE

CAS:1314-13-2

RTECS #:ZH4810000

Fraction by Wt: 5

-10% %  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:15 MG/M3 TDUST  
ACGIH TLV:10MG/M3 TDUST; 9394

Ingred Name:SILICA, CRYSTALLINE - QUARTZ  
CAS:14808-60-7  
RTECS #:VV7330000  
Fraction by Wt: 5-10% %  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:10 MG/M3 RDUST; Z-3  
ACGIH TLV:0.1 MG/M3 RDUST;9394

Ingred Name:IRON OXIDE  
CAS:1309-37-1  
RTECS #:NO7400000  
Fraction by Wt: 10-15% %  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:10 MG/M3 (FE)  
ACGIH TLV:5MG(FE)/M3FUME,B2;94

Ingred Name:IRON OXIDE  
CAS:51274-00-1  
Frac  
tion by Wt: 2-5% %  
Other REC Limits:NONE RECOMMENDED

Ingred Name:TITANIUM DIOXIDE  
CAS:13463-67-7  
RTECS #:XR2275000  
Fraction by Wt: 10-15% %  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:15 MG/M3 TDUST  
ACGIH TLV:10 MG/M3 TDUST; 9394

Ingred Name:PETROLEUM HYDROCARBON,  
CAS:64742-47-8  
RTECS #:OA5504000  
Fraction by Wt: 5-10% %  
Other REC Limits:NONE RECOMMENDED

Ingred Name:NAPHTHA, SOLVENT-REFINED HEAVY  
CAS:64741-92-0  
Fraction by Wt: 10-15% %  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:5 MG/M3 (OIL MIS

T)  
ACGIH TLV:5 MG/M3 (OIL MIST)

Ingred Name:PETROLEUM HYDROCARBON,  
CAS:64742-47-8  
RTECS #:OA5504000  
Fraction by Wt: 5-10% %  
Other REC Limits:NONE RECOMMENDED

Ingred Name:FILM FORMERS, RESINS, & ADDITIVES  
Fraction by Wt: 25-30% %  
Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:NOT GIVEN FOR PRODUCT AS A WHOLE

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:YES OSHA:NO

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Health Hazards Acute and Chronic:HARMFUL OR FATAL IF SWALLOWED. CAUSES SEVERE EYE IRRITATION. MAY CAUSE MODERATE SKIN IRRITATION. INHALATION MAY CAUSE RESPIRATORY TRACT IRRITATION AND PERMANENT BRAIN AND NERVOUS SYSTEM DAMAGE. LONG-TERM EXPOSURE TO CRYSTALLINE SILICA MAY LEAD TO SILICOSIS OR CANCER.

Explanation of Carcinogenicity:IARC STATES THAT THERE IS SUFFICIENT EVIDENCE OF CARCINOGENICITY OF CRYSTALLINE SILICA IN EXPERIMENTAL ANIMALS.

Effects of Overexposure:EYE IRRITATION, SKIN IRRITATION, UPPER

RESPIRATORY TRACT IRRITATION, BRAIN DAMAGE, NERVOUS SYSTEM DAMAGE, LUNG DAMAGE, EYES WATERING, HEADACHES, NAUSEA, DIZZINESS, LOSS OF COORDINATION, VISUAL DISTURBANCES.

Medical Conditions Aggravated by Exposure:PRE-EXISTING SKIN AND/OR RESPIRATORY DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO THIS PRODUCT.

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

First Aid:EYES: FLUSH WITH WATER FOR 15 MINUTES WHILE HOLDING EYELIDS OPEN. G

ET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP AND WATER. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION. IN HALATION: REMOVE TO FRESH AIR. RESTORE BREATHING. GET MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION.

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

Flash Point Method:PMCC

Flash Point:105F,41C

Lower Limits:NOT GIVEN

Upper Limits:NOT GIVEN

Extinguishing Media:DRY CHEMICAL, CARBON DIOXIDE, UNIVERSAL FILM

FORMING FOAM

Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.

Unusual Fire/Explosion Hazard:CLOSED CONTAINERS MAY EXPLODE.

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

Spill Release Procedures:ELIMINATE SOURCES OF IGNITION. EVACUATE AREA. WEAR PROPER PERSONAL PROTECTIVE EQUIPMENT. CONTAIN SPILL. STOP LEAK IF

CAN DO SO WITHOUT RISK. ABSORB LIQUID WITH SUITABLE ABSORBENT MATERIAL. COLLECT FOR DISPOSAL.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:DO NOT STORE ABOVE 120F. STORE LARGE QUANTITIES IN BUILDINGS DESIGNED AND PROTECTED FOR STORAGE OF NFPA CLASS II COMBUSTIBLE LIQUIDS.

Other Precautions:CONTAINERS SHOULD BE GROUNDED WHEN POURING. AVOID FREE FALL OF LIQUIDS IN EXCESS OF A FEW INCHES.

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

Respiratory Protection:IF VENTILATION DOES NOT MAINTAIN INHALATION EXPOSURES BELOW PEL (TLV), USE NIOSH/MSHA APPROVED RESPIRATOR AS PER CURRENT 29 CFR 1910.134, INSTRUCTIONS/WARNINGS AND NIOSH RESPIRATOR SELECTION.

Ventilation:LOCAL EXHAUST AND MECHANICAL (GENERAL) VENTILATION TO MAINTAIN EXPOSURE LEVELS.

Protective Gloves:NITRILE OR NEOPRENE RUBBER

Eye Protection:SAFETY GLASSES OR GOGGLES

Other P

rotective Equipment:PROTECTIVE CLOTHING AS REQUIRED TO AVOID SKIN CONTACT. AN EMERGENCY EYE WASH STATION AND SHOWER SHOULD BE AVAILABLE.

Work Hygienic Practices:WASH WITH SOAP AND WATER AFTER HANDLING PRODUCT AND BEFORE EATING DRINKING OR SMOKING.

Supplemental Safety and Health  
NONE SPECIFIED BY MANUFACTURER.

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

HCC:F4

Boiling Pt:B.P. Text:280F,138C

Melt/Freeze Pt:M.P/F.P Text:NOT GIVEN

Vapor Pres:NOT GIVEN

Vapor Den

sity:> 1

Spec Gravity:> 1

Evaporation Rate & Reference:NOT GIVEN

Solubility in Water:NEGLIGIBLE

Appearance and Odor:VISCOUS LIQUID WITH AN ODOR CHARACTERISTIC OF THE SOLVENTS

Percent Volatiles by Volume:50 %

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS, STRONG ALKALIS, STRONG MINERAL ACIDS

Stability Condition to Avoid:HEAT, OPEN FLAME, SPARKS

Hazardous Decomposition Products:CARBON MONOXIDE, OXIDE  
S OF NITROGEN,  
ZINC OXIDE.

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

Waste Disposal Methods:PREVENT WASTE FROM CONTAMINATING SURROUNDING ENVIRONMENT. DISCARD ANY PRODUCT, RESIDUE, DISPOSAL CONTAINER OR LINER IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.

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