

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

=== Contr

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
Fract
ion 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 MIST)

)
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

He

alth 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. GET

T 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 C

AND 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 Pr

Protective 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 Dens

ity:> 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, OXIDES 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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