

TI-PURE TITANIUM DIOXIDE PIGMENT, R-900

MSDS Number

BCHHY

National Stock Number

6810-00N001227

Product Name

TI-PURE TITANIUM DIOXIDE PIGMENT, R-900

Manufacturer

DU PONT E I DE NEMOURS AND CO INC

Product Identification

Product ID:TI-PURE TITANIUM DIOXIDE PIGMENT, R-900

MSDS Date:05/01/1989

FSC:6810

NIIN:00N001227

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Responsible Party

DU PONT E I DE NEMOURS & CO INC

1007 MARKET STREET

WILMINGTON , DE 19898

US

Emergency Phone: 800-441-3637/800-424-9300(CHEMTREC)

Info Phone: 800-441-7515/MSDS 302-992-3511

Preparer: J.C. WATTS

Cage: 18873

Contractor

E.I. DUPONT DE NEMOURS & CO

WILMINGTON, DE 19898

US

800-441-7515;800-441-9442

Cage: 18873

Ingredients

TITANIUM DIOXIDE

CAS: 13463-67-7

RTECS: XR2275000

Fraction By Weight: 80-98%

OSHA PEL15 MG/M3 TDUST

ACGIH TLV: 10 MG/M3 TDUST; 9293

SILICA, AMORPHOUS, DUST; (AMORPHOUS SILICA)

CAS: 1344-28-1

RTECS: BD1200000

Fraction By Weight: 0-10%

OSHA PEL15 MG/M3 TDUST

ACGIH TLV: 10 MG/M3 TDUST; 9293

ALUMINUM HYDROXIDE

CAS: 21645-51-2

RTECS: BD0940000

Fraction By Weight: 0-9%

Hazards

LD50 LC50 Mixture:LD50:(ORAL,RAT) >24,000 MG/KG.
Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:SOME (BUT NOT ALL) GRADES COVERED BY MSDS CONTAIN ALUMINUM HYDROXIDE &/OR AMORPHOUS SILICA. HUMAN HLTH EFTS OF OVEREXP TO AMORPHOUS SILICA BY SKIN/EYE CONTACT MAY INCLUDE EYE IRRIT W/DISCOMFORT, TEARI NG/BLURRING OF VISION; OR SLIGHT SKIN IRRIT W/DISCOMFORT OR RASH. HUMAN HLTH EFTS OF OVEREXP BY INHAL (EFTS OF OVEREXP)
Explanation of Carcinogenicity:NOT RELEVANT
Effects of Overexposure:HLTH HAZ:TO TITANIUM DIOXIDE MAY INCLUDE MILD & TEMPORARY UPPER RESP IRRIT W/COUGH & SHORTNESS OF BREATH. OVEREXP BY INHAL TO AMORPHOUS SILICA MAY CAUSE TEMPORARY LUNG IRRIT EFTS W/COUGH, DISCOMFORT, DIFFICULTY BRTHG OR SHORTNESS OF BREATH.
Medical Cond Aggravated by Exposure:PRE-EXISTING DISEASES OF LUNGS MAY HAVE INCREASED SUSCEPTIBILITY TO THE TOXICITY OF EXCESSIVE EXPOSURES TO AMORPHOUS SILICA.

First Aid

First Aid:INHAL:REMOVE TO FRESH AIR. IF NOT BRTHG, GIVE ARTF RESP. IF BRTHG IS DFCLT, GIVE OXYGEN. CALL MD. EYE:IMMED FLUSH W/PLENTY OF WATER FOR AT LST 15 MINS. CALL MD. SKIN:COMPOUND IS NOT LIKELY TO BE HAZ B UT CLEANSING SKIN AFTER USE IS ADVISABLE. INGEST:NO SPECIFIC INTERVENTION IS INDICATED AS COMPOUND IS NOT LIKELY TO BE HAZ BY INGEST. HOWEVER, CONSULT MD IF NECESSARY.

Fire Fighting

Flash Point:WILL NOT BURN
Extinguishing Media:ANY MEDIA AS APPROPRIATE FOR COMBUSTIBLES IN AREA.
Fire Fighting Procedures:WEAR NIOSH/MSHA APPROVED SCBA & FULL PROTECTIVE EQUIPMENT .
Unusual Fire/Explosion Hazard:NONE SPECIFIED BY MANUFACTURER.

Accidental Release

Spill Release Procedures:SHOVEL INTO COVERED CONTAINER FOR DISPOSAL. FLUSH RESIDUE TO WASTE WATER TREATMENT SYSTEM.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

Handling

Handling and Storage Precautions:STORE IN DRY CLEAN AREA. PROTECT CONTAINERS FROM DAMAGE.
Other Precautions:NONE SPECIFIED BY MANUFACTURER.

Exposure Controls

Respiratory Protection:AVOID BREATHING DUST. USE NIOSH/MSHA APPROVED DUST FILTER RESPIRATOR IF EXPOSURE LIMITS ARE EXCEEDED.
Ventilation:GOOD GENERAL VENTILATION SHOULD BE PROVIDED TO KEEP DUST CONCENTRATIONS BELOW THE EXPOSURE LIMITS.
Protective Gloves:IMPERVIOUS GLOVES .
Eye Protection:CHEMICAL WORKERS GOGGLES .
Other Protective Equipment:NONE SPECIFIED BY MANUFACTURER.
Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.
Supplemental Safety and Health
NONE SPECIFIED BY MANUFACTURER.

Chemical Properties

HCC:N1
Spec Gravity:3.8-4.3
pH:4-10
Solubility in Water:INSOLUBLE
Appearance and Odor:WHITE POWDER; NO ODOR.

Stability

Stability Indicator/Materials to Avoid:YES
NONE KNOWN
Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.
Hazardous Decomposition Products:NONE SPECIFIED BY MANUFACTURER.

Disposal

Waste Disposal Methods:COMPLY WITH FEDERAL,STATE & LOCAL REGULATIONS.IF
APPROVED,REMOVE TO LAND DISPOSAL AREA.

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