

## **ALKYD OIL STAIN, 77-860**

### **MSDS Number**

BTYJH

### **National Stock Number**

8010-00N047962

### **Product Name**

ALKYD OIL STAIN, 77-860

### **Manufacturer**

PPG INDUSTRIES INC

### **Product Identification**

Product ID:ALKYD OIL STAIN, 77-860

MSDS Date:06/13/1989

FSC:8010

NIIN:00N047962

MSDS Number: BTYJH

### **Responsible Party**

PPG INDUSTRIES INC

260 KAPPA DR

PITTSBURGH , PA 15238

US

Emergency Phone: 304-843-1300

Info Phone: 412-963-5822

Cage: 47695

### **Contractor**

PPG INDUSTRIES INC

PITTSBURGH, PA 15272

US

1-800-245-2974 (CAL HYPO)

Cage: 47695

### **Ingredients**

THAT SOLV LEVELS ARE TOO HIGH. SKIN IRRITANT.

RTECS: 9999999ZZ

INGS IN THIS PROD MAY CAUSE NERV SYS DMG. ANIMALS

RTECS: 9999999ZZ

DEVELOPED CANCER & HUMANS HAVE DEVELOPED SILICOSIS.

RTECS: 9999999ZZ

EXCESSIVE AMTS OF RESPIRABLE SILICA, SO POTNTL HAZ

RTECS: 9999999ZZ

EXPOS TO CORR MATL, PERSISTENT SKIN/EYE

RTECS: 9999999ZZ

TO DETERM TYPE OF AIRBORNE CONTAMS AGAINST WHICH

RTECS: 9999999ZZ

BELOW STATED LIM & TO REMOVE DECOMP PRODS DURING

RTECS: 9999999ZZ

SUFFICIENT TO COVER THE ENTIRE BODY.

RTECS: 9999999ZZ

UREA, POLYMER WITH FORMALDEHYDE; (ORGANIC WHITE PIGMENT)

CAS: 9011-05-6

RTECS: YU1610000

Fraction By Weight: 2-5%

OSHA PELN/K

ACGIH TLV: N/K

SILICA; (SILICA, CRYSTALLINE-TRIPOLI)

CAS: 7631-86-9

Fraction By Weight: 2-5%

OSHA PEL6 MG/M3

ACGIH TLV: 10 MG/M3

SOLVENT NAPHTHA (PETROLEUM) MEDIUM ALIPHATIC; (MEDIUM

CAS: 64742-88-7

Fraction By Weight: 55-60%

OSHA PELN/K

ACGIH TLV: N/K

HYDROTREATED HEAVY NAPHTHA (PETROLEUM)

CAS: 64742-48-9

Fraction By Weight: 1-2%

OSHA PELN/K

ACGIH TLV: N/K

FILM FORMERS, RESINS & ADDITIVES

Fraction By Weight: 25-30%

OSHA PELN/K

ACGIH TLV: N/K

SILICA, CRYSTALLINE - QUARTZ; (QUARTZ)

CAS: 14808-60-7

RTECS: VV7330000

Fraction By Weight: 2-5%

OSHA PEL0.1 MG/M3 (MFR)

ACGIH TLV: 0.1 MG/M3 RDUST

LUNGS.)

RTECS: 9999999ZZ

CONTENTS CAN BE HARMFUL/FATAL. EYE

RTECS: 9999999ZZ

## Hazards

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:NO

Health Hazards Acute and Chronic:ACUTE:INGEST:HARMFUL/FATAL IF SWALLOWED. EYE:CAUSES SEV IRRIT. REDNESS, ITCH, BURNING SENSATION & VISUAL DISTURBS MAY INDICATE EXCESSIVE CONT. SKIN:MAY CAUSE MOD IRRIT. MAY BE HARMFUL IF ABSORBED THRU SKIN. PRLNG/RPTD CONT MAY CAUSE ALLERGIC RXN. DRYNESS, ITCH, CRACKING, BURNING, REDNESS & SWELL ARE (EFTS OF OVEREXP)

Explanation of Carcinogenicity:SILICA, CRYSTALLINE- QUARTZ:IARC MONOGRAPHS, SUPP, VOL 7, PG 341, 1987:GRP 2A. NTP 6TH ANNUAL RPT ON (SUPDAT)

Effects of Overexposure:HLTH HAZ:CNDTNS ASSOC W/EXCESSIVE CONT.

INHAL:VAP & SPRAY MIST HARMFUL IF INHALED. VAP IRRITS EYES, NOSE & THROAT. SANDING & GRINDING DUSTS MAY BE HARMFUL IF INHALED. RPTD EXPOS TO HIGH VAP CONCS MAY CAUSE IRRIT OF RESP SYS & PERM BRAIN & NERV SYS DMG. INTENTIONAL MISUSE BY DELIB CONCENTRATING & INHALING (ING 8)

## First Aid

First Aid:INGEST:DO NOT INDUCE VOMIT. EYE:FLUSH IMMED W/PLENTY OF WATER FOR AT LST 30 MINS. SKIN:REMOVE PROMPTLY BY WIPING, FOLLOWED BY WATERLESS HAND CLEANER & SOAP & WATER. INHAL:REMOVE TO FRESH AIR. APPLY AR TF RESP & OTHER SUPPORTIVE MEASURES AS REQD. OTHER:IF ANY OF FOLLOWING OCCUR DURING/FOLLOWING USE OF THIS PROD, CONT POIS CTL CTR, EMER ROOM/MD IMMED; HAVE MSDS INFO AVAIL:INGEST, EXCESSIVE (ING 13)

## Fire Fighting

Flash Point Method:PMCC

Flash Point:110F,43C

Lower Limits:1%

Extinguishing Media:USE NFPA CLASS B EXTINGS (CARBON DIOXIDE, DRY CHEM/UNIVERSAL AQ FILM FORMING FOAM) DESIGNED TO EXTING NFPA CLASS(SUPDAT)

Fire Fighting Procedures:USE NIOSH/MSHA APPRVD SCBA & FULL PROT EQUIP . WATER SPRAY MAY BE INEFT. WATER SPRAY MAY BE USED TO COOL CLSD CNTNRS TO PVNT PRESS BUILD-UP & POSS(SUPDAT)

Unusual Fire/Explosion Hazard:KEEP CNTNRS TIGHTLY CLSD. ISOLATE FROM HEAT, ELEC EQUIP, SPKS & OPEN FLAMES. CLSD CNTNRS MAY EXPLODE WHEN EXPOS TO EXTREME HEAT. DO NOT APPLY ON HOT (SUPP DATA)

## Accidental Release

Spill Release Procedures:PROVIDE MAX VENT. ONLY PERSONNEL EQUIPPED

W/PROPER NIOSH/MSHA APPRVD RESP & SKIN & EYE PROT SHOULD BE PERMITTED IN AREA. REMOVE ALL SOURCES OF IGNIT. TAKE UP SPILLED MATL W/SAWDUST, VERMICULITE/OTHER ABSORB MATL & PLACE INTO CNTNRS FOR DISPOSAL.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

## Handling

Handling and Storage Precautions:DO NOT STORE >120F. STORE LG QTYS IN BUILDINGS DESIGNED & PROTECTED FOR STORAGE OF NFPA CLASS II COMBUST LIQS. CNTNRS SHOULD BE GROUNDED WHEN POURING.  
Other Precautions:AVOID FREE FALL OF LIQS IN EXCESS OF A FEW INCHES. IF THIS MATL IS PART OF MULTIPLE COMPONENT COATING SYS, READ MSDS(S) FOR OTHER COMPONENT(S) BEFORE BLENDING AS THE RESULTING MIXTURE MAY HAVE HAZARDS OF ALL OF ITS PARTS.

## Exposure Controls

Respiratory Protection:OVEREXP TO VAPS MAY BE PREVENTED BY ENSURING VENT CONTROLS, VAP EXHST/FRESH AIR ENTRY. NIOSH/MSHA APPRVD (TC-23C-) PAINT SPRAY/AIR SUPPLIED (TC-19C-) RESPS MAY ALSO REDUCE EXPOS. READ RESP MFR'S INSTR UCTIONS & LITERATURE CAREFULLY (ING 14)

Ventilation:PROVIDE GEN DILUTION/LOC EXHST VENT IN VOL & PATTERN TO KEEP CONC OF INGS BELOW LOWEST SUGGESTED EXPOS LIMS, LEL(ING 15)

Protective Gloves:NITRILE, NEOPRENE/LATEX RUBBER GLOVES.

Eye Protection:ANSI APVD CHEM SPLSH GOGG&FCSHLD .

Other Protective Equipment:ANSI APVD EMER EYE WASH & DELUGE SHOWER . WEAR IMPERM PROT CLTHG CONSTR OF NITRILE, NEOPRENE/LATEX RUBBER (ING 16)

Work Hygienic Practices:CLEAN OR DISCARD CONTAMINATED CLOTHING & SHOES.

Supplemental Safety and Health

EXTING MEDIA:II COMBUST LIQ FIRES. FIRE FIGHT PROC:AUTOIGNIT/EXPLO WHEN EXPOS TO EXTREME HEAT. IF WATER IS USED, FOG NOZZ ARE PREF. EXPLO HAZ:SURFS. TOX GASES MAY FORM WHEN PROD IS CONTACTED BY FLAME/ HOT SURFS. HAZ DECOMP PROD:FUMES INCL:CARBON MONOXIDE. EXPLAN OF CARCIN:CARCINS, 1991:ANTIC TO BE CARCIN. (ING 7)

## Chemical Properties

Boiling Pt:B.P. Text:>277F,>136C

Vapor Pres:2

Vapor Density:HVR/AIR

Spec Gravity:0.88

Evaporation Rate & Reference:17 (BUOAC=100)

Solubility in Water:0.0%

Appearance and Odor:VISCOUS LIQUID W/ODOR CHARACTERISTIC OF SOLVENTS LISTED IN INGS SECTION.

Percent Volatiles by Volume:70.7

## Stability

Stability Indicator/Materials to Avoid:YES

AVOID CONTACT W/STRONG ALKALIES, STRONG MINERAL ACIDS OR STRONG OXIDIZING AGENTS.

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:MAY PRDCE HAZ DECOMP PRODS WHEN HEATED. WELDING, BRAZING/FLAME-CUTTING ON SURFS COATED W/THIS PROD MAY PRDCE (SUPDAT)

## Disposal

Waste Disposal Methods:WASTE MATERIAL MUST BE DISPOSED OF I/A/W FEDERAL, STATE, PROVINCIAL & LOCAL ENVIRONMENTAL CONTROL REGULATIONS. EMPTY CONTAINERS SHOULD BE RECYCLED OR DISPOSED OF THRU AN APPROVED WASTE MANAGEMENT FACI LITY.

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