

DOD Hazardous Materials Information System
DoD 6050.5-L
AS OF July 1998

FSC: 8010
NIIN: 00N036106
Manufacturer's CAGE: PPGXX
Part No. Indicator: B
Part Number/Trade Name: SPEEDHIDE WHITE/PASTEL, 6-1110

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General Information
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Item Name:
Company's Name: PPG INDUSTRIES INC
Company's Street: 4325 ROSANNA DR
Company's P. O. Box: 9
Company's City: ALLISON PARK
Company's State: PA
Company's Country: US
Company's Zip Code: 15101
Company's Emerg Ph #: 304-843-1300
Company's Info Ph #: 412-492-5555
Distributor/Vendor # 1:
Distributor/Vendor # 1 Cage:
Distributor/Vendor # 2:
Distributor/Vendor # 2 Cage:
Distributor/Vendor # 3:
Distributor/Vendor # 3 Cage:
Distributor/Vendor # 4:
Distributor/Vendor # 4 Cage:
Safety Data Action Code:
Safety Focal Point: N
Record No. For Safety Entry: 001
Tot Safety Entries This Stk#: 002
Status: SMJ
Date MSDS Prepared: 25NOV92
Safety Data Review Date: 03MAY96
Supply Item Manager:
MSDS Preparer's Name:
Preparer's Company:
Preparer's St Or P. O. Box:
Preparer's City:
Preparer's State:
Preparer's Zip Code:
Other MSDS Number:
MSDS Serial Number: CBBYC
Specification Number:
Spec Type, Grade, Class:
Hazard Characteristic Code:
Unit Of Issue:
Unit Of Issue Container Qty:
Type Of Container:
Net Unit Weight:

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NRC/State License Number:
Net Explosive Weight:
Net Propellant Weight-Ammo:
Coast Guard Ammunition Code:

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Ingredients/Identity Information
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Proprietary: NO
 Ingredient: TITANIUM OXIDE; (TITANIUM DIOXIDE)
 Ingredient Sequence Number: 01
 Percent: 20-25
 Ingredient Action Code:
 Ingredient Focal Point: N
 NIOSH (RTECS) Number: XR2275000
 CAS Number: 13463-67-7
 OSHA PEL: 15 MG/M3 TDUST
 ACGIH TLV: 10 MG/M3 TDUST
 Other Recommended Limit: N/K

Proprietary: NO
 Ingredient: CALCIUM CARBONATE
 Ingredient Sequence Number: 02
 Percent: 5-10
 Ingredient Action Code:
 Ingredient Focal Point: N
 NIOSH (RTECS) Number: EV9580000
 CAS Number: 1317-65-3
 OSHA PEL: 15 MG/M3 TDUST
 ACGIH TLV: 10 MG/M3 TDUST
 Other Recommended Limit: N/K

Proprietary: NO
 Ingredient: CARBONIC ACID, CALCIUM SALT (1:1); (CALCIUM CARBONATE)
 Ingredient Sequence Number: 03
 Percent: 15-20
 Ingredient Action Code:
 Ingredient Focal Point: N
 NIOSH (RTECS) Number: FF9335000
 CAS Number: 471-34-1
 OSHA PEL: N/K (FP N)
 ACGIH TLV: N/K (FP N)
 Other Recommended Limit: N/K

Proprietary: NO
 Ingredient: SOLVENT NAPHTHA (PETROLEUM) MEDIUM ALIPHATIC; (MEDIUM ALIPHATIC SOLVENT NAPHTHA)
 Ingredient Sequence Number: 04
 Percent: 25-30
 Ingredient Action Code:
 Ingredient Focal Point: N
 NIOSH (RTECS) Number: 1003692SN
 CAS Number: 64742-88-7
 OSHA PEL: N/K (FP N)

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ACGIH TLV: N/K (FP N)
 Other Recommended Limit: N/K

Proprietary: NO
 Ingredient: FILM FORMERS, RESINS, & ADDITIVES
 Ingredient Sequence Number: 05
 Percent: 20-25
 Ingredient Action Code:
 Ingredient Focal Point: N
 NIOSH (RTECS) Number: 1005437FF
 CAS Number:

OSHA PEL: N/K (FP N)
 ACGIH TLV: N/K (FP N)
 Other Recommended Limit: N/K

 Proprietary: NO
 Ingredient: SUPDAT:INHALING MASSIVE QTYS OF TITANIUM DIOXIDE DUST IN LONG-
 TERM STUDY DEVELOPEED LUNG TUMORS. STUDIES W/HUMANS(ING 7)
 Ingredient Sequence Number: 06
 Percent: N/K
 Ingredient Action Code:
 Ingredient Focal Point: N
 NIOSH (RTECS) Number: 999999ZZ
 CAS Number:
 OSHA PEL: NOT APPLICABLE
 ACGIH TLV: NOT APPLICABLE
 Other Recommended Limit: N/K

 Proprietary: NO
 Ingredient: ING 6:INVOLVED IN MANUFACTURE OF THIS PIGMENT INDICATE NO INCR
 RISK OF CANCER FROM EXPOS. POTNTL FOR INHAL OF (ING 8)
 Ingredient Sequence Number: 07
 Percent: N/K
 Ingredient Action Code:
 Ingredient Focal Point: N
 NIOSH (RTECS) Number: 999999ZZ
 CAS Number:
 OSHA PEL: NOT APPLICABLE
 ACGIH TLV: NOT APPLICABLE
 Other Recommended Limit: N/K

 Proprietary: NO
 Ingredient: ING 7:TITANIUM DIOXIDE DUSTS FROM COATINGS IS VERY LTD. SINCE
 OVEREXPS ARE NOT EXPECTED, THERE IS NO SIGNIFICANT (ING 9)
 Ingredient Sequence Number: 08
 Percent: N/K
 Ingredient Action Code:
 Ingredient Focal Point: N
 NIOSH (RTECS) Number: 999999ZZ
 CAS Number:
 OSHA PEL: NOT APPLICABLE
 ACGIH TLV: NOT APPLICABLE
 Other Recommended Limit: N/K

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 Proprietary: NO
 Ingredient: ING 8:HAZARD FOR MAN.
 Ingredient Sequence Number: 09
 Percent: N/K
 Ingredient Action Code:
 Ingredient Focal Point: N
 NIOSH (RTECS) Number: 999999ZZ
 CAS Number:
 OSHA PEL: NOT APPLICABLE
 ACGIH TLV: NOT APPLICABLE
 Other Recommended Limit: N/K

 Proprietary: NO
 Ingredient: RESP PROT:TO DETERMINE TYPE OF AIRBORNE CONTAMS AGAINST WHICH
 RESP IS EFTIVE & HOW IT IS TO BE PROPERLY FITTED.

Ingredient Sequence Number: 10
Percent: N/K
Ingredient Action Code:
Ingredient Focal Point: N
NIOSH (RTECS) Number: 999999ZZ
CAS Number:
OSHA PEL: NOT APPLICABLE
ACGIH TLV: NOT APPLICABLE
Other Recommended Limit: N/K

Proprietary: NO
Ingredient: VENT:BELOW STATED LIMIT, & TO REMOVE DECOMPOSITION PRODUCTS
DURING WELDING OR FLAME CUTTING.
Ingredient Sequence Number: 11
Percent: N/K
Ingredient Action Code:
Ingredient Focal Point: N
NIOSH (RTECS) Number: 999999ZZ
CAS Number:
OSHA PEL: NOT APPLICABLE
ACGIH TLV: NOT APPLICABLE
Other Recommended Limit: N/K

Proprietary: NO
Ingredient: EYE PROT:& FULL LENGTH FACESHIELD (FP N).
Ingredient Sequence Number: 12
Percent: N/K
Ingredient Action Code:
Ingredient Focal Point: N
NIOSH (RTECS) Number: 999999ZZ
CAS Number:
OSHA PEL: NOT APPLICABLE
ACGIH TLV: NOT APPLICABLE
Other Recommended Limit: N/K

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Physical/Chemical Characteristics
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Appearance And Odor: VISCOUS LIQUID W/ODOR CHARACTERISTIC OF SOLVENTS
LISTED IN INGREDIENTS.
Boiling Point: >212F,>100C
Melting Point: N/K
Vapor Pressure (MM Hg/70 F): 2.3
Vapor Density (Air=1): HVR/AIR
Specific Gravity: 1.36
Decomposition Temperature: N/K
Evaporation Rate And Ref: 17 (BUOAC=100)
Solubility In Water: 0.2%
Percent Volatiles By Volume: 47.2
Viscosity:
pH: N/K
Radioactivity:
Form (Radioactive Matl):
Magnetism (Milligauss):
Corrosion Rate (IPY): N/K
Autoignition Temperature:

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Fire and Explosion Hazard Data
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Flash Point: 107F,42C
 Flash Point Method: PMCC
 Lower Explosive Limit: 1%
 Upper Explosive Limit: N/K
 Extinguishing Media: USE NFPA CLASS B EXTINGS (CARBON DIOXIDE, DRY CHEM/
 UNIVERSAL AQ FILM FORMING FOAM) DESIGNED TO EXTING NFPA CLASS(SUPDAT)
 Special Fire Fighting Proc: USE NIOSH/MSHA APPRVD SCBA & FULL PROT EQUIP
 (FP N). WATER SPRAY MAY BE INEFT. WATER SPRAY MAY BE USED TO COOL CLSD
 CNTNRS TO PVNT PRESS BUILD-UP & POSS(SUPDAT)
 Unusual Fire And Expl Hazrds: 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 (SUPDAT)

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 Reactivity Data
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Stability: YES
 Cond To Avoid (Stability): NONE SPECIFIED BY MANUFACTURER.
 Materials To Avoid: AVOID CONTACT W/STRONG ALKALIES, STRONG MINERAL ACIDS
 OR STRONG OXIDIZING AGENTS.
 Hazardous Decomp Products: MAY PRDCE HAZ DECOMP PRODS WHEN HEATED,
 WELDING, BRAZING/FLAME-CUTTING. MAY PRDCE FUMES INCL: CARBON MONOXIDE.
 Hazardous Poly Occur: NO
 Conditions To Avoid (Poly): NOT RELEVANT

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 Health Hazard Data
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LD50-LC50 Mixture: NONE SPECIFIED BY MANUFACTURER.
 Route Of Entry - Inhalation: YES
 Route Of Entry - Skin: YES

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Route Of Entry - Ingestion: YES
 Health Haz Acute And Chronic: ACUTE:INGEST:HARMFUL/FATAL IF SWALLOWED. EYE
 CONT:CAUSES IRRIT. REDNESS, ITCH, BURNING SENSATION & VISUAL DISTURBS MAY
 INDICATE EXCESSIVE CONT. SKIN CONT:MAY CAUSE MOD IRRIT. DRYNESS, ITCH,
 CRACKING, BURNING, REDNESS & SWELL ARE CNDTNS ASSOC W/EXCESSIVE CONT.
 INHAL:VAP & SPRAY MIST MAY BE HARMFUL IS (EFTS OF OVEREXP)
 Carcinogenicity - NTP: NO
 Carcinogenicity - IARC: NO
 Carcinogenicity - OSHA: NO
 Explanation Carcinogenicity: NOT RELEVANT
 Signs/Symptoms Of Overexp: HLTH HAZ:INHALED. VAP IRRITS EYES, NOSE &
 THROAT. RPTD EXPOS TO HIGH VAP CONCS MAY CAUSE IRRIT OF RESP SYS & PERM
 BRAIN & NERV SYS DMG. INTENTIONAL MISUSE BY DELIB CONC & INHALING CONTENTS
 CAN BE HARMFUL/FATAL. EYE WATERING, HDCHS, NAUS, DIZZ & LOSS OF COORD ARE
 INDICATIONS THAT SOLV LEVELS ARE TOO HIGH. (SUPP DATA)
 Med Cond Aggravated By Exp: NONE SPECIFIED BY MANUFACTURER.
 Emergency/First Aid Proc: INGEST:DO NOT INDUCE VOMIT. EYES:FLUSH IMMED
 W/PLENTY OF WATER FOR AT LST 15 MINS. SKIN:FLUSH IMMED W/PLENTY OF WATER
 FOLLOWED BY WASHING W/SOAP & WATER. INHAL:REMOVE TO FRESH AIR. APPLY ARTF
 RESP & OTHER SUPPORTIVE MEASURES AS REQD. NOTE:IF INGEST, ANY TYPE OF
 OVEREXP/SYMPs OF OVEREXP OCCUR DURING/FOLLOWING USE OF THIS PROD, CONT POIS
 CTL CTR, EMER ROOM/MD IMMED; HAVE MSDS INFO AVAILABLE.

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 Precautions for Safe Handling and Use
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Steps If Matl Released/Spill: PROVIDE MAX VENT. ONLY PERS 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.
 Waste Disposal Method: WASTE MATL MUST BE DISPOSED OF I/A/W FED, STATE, PROVINCIAL & LOCAL ENVIRON CONTROL REGS. EMPTY CONTAINERS SHOULD BE RECYCLED OR DISPOSED OF THROUGH AN APPROVED WASTE MANAGEMENT FACILITY.
 Precautions-Handling/Storing: DO NOT STORE >120F. STORE LG QTYS IN BLDGS DESIGNED & PROTECTED FROM STOR OF NFPA CLASS II COMBUST LIQS. CNTNRS SHOULD BE GROUNDED WHEN POURING.
 Other Precautions: IF THIS MATL IS PART OF A MULTIPLE COMPONENT SYS, READ MSDS(S) FOR OTHER COMPONENT(S) BEFORE BLENDING AS RESULTING MIXT MAY HAVE HAZS OF ALL OF ITS PARTS. AVOID FREE FALL OF LIQS IN EXCESS OF A FEW INCHES.

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Control Measures

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Respiratory Protection: OVEREXP TO VAPS MAY BE PREVENTED BY ENSURING VENT CONTROLS, VAP EXHST/FRESH AIR ENTRY. NIOSH/MSHA APPRVD (TC-23C-) AIR PURIFYING/AIR SUPPLIED (TC-19C-) RESPS MAY ALSO REDUCE EXPOS. READ RESP MFR'S INSTRUCTIONS & LITERATURE CAREFULLY(ING 10)
 Ventilation: PROVIDE GEN DILUTION/LOC EXHST VENT IN VOL & PATTERN TO KEEP CONC OF INGS BELOW LOWEST SUGGESTED EXPOS LIMS, LEL(ING 11)
 Protective Gloves: NITRILE RUBBER/NEOPRENE RUBBER GLOVES.
 Eye Protection: ANSI APPROVED CHEM WORKERS GOGGS(ING 12)
 Other Protective Equipment: EYE WASH FOUNTAIN & DELUGE SHOWER WHICH MEET ANSI DESIGN CRITERIA (FP N). WEAR PROT CLTHG, INCLUDING IMPERMEABLE APRON.

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Work Hygienic Practices: CLEAN OR DISCARD CONTAMINATED CLOTHING & SHOES.
 Suppl. Safety & Health Data: 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. EFTS OF OVEREXP:CHRONIC:AVOID LONG TERM & RPTD CONT. THIS PROD CONTAINS TITANIUM DIOXIDE. ANIMALS (ING 6)

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Transportation Data

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Transportation Action Code:
 Transportation Focal Point:
 Trans Data Review Date:
 DOT PSN Code:
 DOT Symbol:
 DOT Proper Shipping Name:
 DOT Class:
 DOT ID Number:
 DOT Pack Group:
 DOT Label:
 DOT/DoD Exemption Number:
 IMO PSN Code:
 IMO Proper Shipping Name:
 IMO Regulations Page Number:
 IMO UN Number:
 IMO UN Class:
 IMO Subsidiary Risk Label:
 IATA PSN Code:
 IATA UN ID Number:
 IATA Proper Shipping Name:
 IATA UN Class:
 IATA Subsidiary Risk Class:
 IATA Label:
 AFI PSN Code:
 AFI Symbols:

AFI Prop. Shipping Name:
AFI Class:
AFI ID Number:
AFI Pack Group:
AFI Label:
AFI Special Prov:
AFI Basic Pac Ref:
MMAC Code:
N.O.S. Shipping Name:
Additional Trans Data:

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Disposal Data
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Disposal Data Action Code:
Disposal Data Focal Point:
Disposal Data Review Date:
Rec # For This Disp Entry:
Tot Disp Entries Per NSN:
Landfill Ban Item:

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Disposal Supplemental Data:

1st EPA Haz Wst Code New:
1st EPA Haz Wst Name New:
1st EPA Haz Wst Char New:
1st EPA Acute Hazard New:
2nd EPA Haz Wst Code New:
2nd EPA Haz Wst Name New:
2nd EPA Haz Wst Char New:
2nd EPA Acute Hazard New:
3rd EPA Haz Wst Code New:
3rd EPA Haz Wst Name New:
3rd EPA Haz Wst Char New:
3rd EPA Acute Hazard New:

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Label Data
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Label Required: YES
Technical Review Date: 03MAY96
Label Date: 13MAR96
MFR Label Number:
Label Status: G
Common Name: SPEEDHIDE WHITE/PASTEL, 6-1110
Chronic Hazard: YES
Signal Word: DANGER!
Acute Health Hazard-None:
Acute Health Hazard-Slight:
Acute Health Hazard-Moderate:
Acute Health Hazard-Severe: X
Contact Hazard-None:
Contact Hazard-Slight:
Contact Hazard-Moderate:
Contact Hazard-Severe: X
Fire Hazard-None:
Fire Hazard-Slight:
Fire Hazard-Moderate: X
Fire Hazard-Severe:
Reactivity Hazard-None: X
Reactivity Hazard-Slight:
Reactivity Hazard-Moderate:

Reactivity Hazard-Severe:

Special Hazard Precautions: COMBUSTIBLE. ACUTE:INGESTION:HARMFUL OR FATAL. EYE:IRRITATION, REDNESS, ITCHING, BURNING & VISUAL DISTURBANCES. SKIN: MODERATE IRRITATION, DRYNESS, ITCHING, CRACKING, BURNING, REDNESS & SWELLING. INHALATION:IRRITATING VAPORS. IRRITATION TO RESPIRATORY SYSTEM, PERMANENT BRAIN & NERVOUS SYSTEM DAMAGE; EYE WATERING, HEADACHES, NAUSEA, DIZZINESS, LOSS OF COORDINATION. MISUSE MAY BE FATAL. CHRONIC:POSSIBLE LUNG TUMORS.

Protect Eye: Y

Protect Skin: Y

Protect Respiratory: Y

Label Name: PPG INDUSTRIES INC

Label Street: 4325 ROSANNA DR

Label P.O. Box: 9

Report for NIIN: 00N036106

Label City: ALLISON PARK

Label State: PA

Label Zip Code: 15101

Label Country: US

Label Emergency Number: 304-843-1300

Year Procured: