MATERIAL SAFETY DATA SHEET
COATINGS AND RESINS GROUP

SECTION I - PRODUCT INFORMATION

MANUFACTURER’S NAME: PPG INDUSTRIES, INC.
PRODUCT CODE/DENTITY: 6-B (041790M)
CUSTOMER PART#NAME: SPEEDHITE LATEX FLAT PAINTS
CHEMICAL FAMILY: ACRYLIC

SHIPPING INFORMATION
US DOT-SHIP NAME/HAZ CLASS: NOT REGULATED
UN NUMBER: N/A

IN-PLANT HAZARD RATINGS
HEALTH: 3*
FLAMMABILITY: 0
REACTIVITY: 0

D=MINIMAL 1=SLIGHT 2=MODERATE 3=SERIOUS 4=SEVERE
**=CONTAINS INGREDIENTS WHICH MAY CAUSE (LONG-TERM) HEALTH EFFECTS

PRODUCT SAFETY INFO:
COMPANY: 200 KAPPA DRIVE
PITTSBURGH, PA. 15238
PH. 1-800-441-9695

EMERGENCY MEDICAL INFO:
(304) 943-1300
EMERGENCY SELL INFO:
(304) 943-1300
DATE OF MSDS PREPARATION: 6/04/90

THIS MATERIAL SAFETY DATA SHEET HAS BEEN PREPARED IN ACCORDANCE WITH THE OSHA HAZARD COMMUNICATION STANDARD (29 CFR 1910.1200), THE SUPPLIER NOTIFICATION REQUIREMENTS OF SARA TITLE III, SECTION 313, AND OTHER APPLICABLE RIGHT-TO-KNOW REGULATIONS. ABBREVIATIONS AND OTHER DESIGNATIONS USED ON THIS MATERIAL SAFETY DATA SHEET INCLUDE THE FOLLOWING:
L = UNKNOWN INFORMATION; N/A = NOT APPLICABLE; NOT ESTABLISHED; CERT. LTR. = CHEMICAL O.K. ON TSCA INVENTORY; CAS NO. NOT AVAILABLE

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS
FORMULA VALUES, NOT SALE SPECIFICATIONS:

BOILING RANGE: 100 - 274 DEG. C
SOLUBILITY IN WATER: <7 %
VAPOR PRESSURE: <18 mmHg (MTGAL. LBS): 9-12 (U.S.)
VAPOR DENSITY: HEAVIER THAN AIR
PH: L/U
VOL. %: <6
% SOLID BY WEIGHT: 45-48
EVAP RATE (BUd/cac=100): <35
SPECIFIC GRAVITY: 1.1 - 1.4
ODDEAPPEARANCE: VISCOS LIQUID WITH AN ODOR CHARACTERISTIC TO THE CHEMICAL FAMILY AND ANY SOLVENTS LISTED IN SECTION II.

SECTION IV - FIRE AND EXPLOSION HAZARD DATA
US DOT CATEGORY: NOT APPLICABLE
FLASH POINT: NA DEG. F
FIRE RESISTANT LIQUID: NA
FLAMMABLE LIMITS: LEL NA UEL NA

EXTINGUISHING MEDIA:
USE NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) CLASS B EXTINGUISHERS (CARBON DIOXIDE, DRY CHEMICAL OR UNIVERSAL AQUEOUS FILM FORMING FOAM) DESIGNED TO EXTINGUISH NFPA CLASS B COMBUSTIBLE LIQUID FIRES.
UNUSUAL FIRE AND EXPLOSION HAZARDS:
CLOSED CONTAINERS MAY EXPLODE OR BURN; DUE TO THE BUILD-UP OF STEAM PRESSURE WHEN EXPOSED TO EXTREME HEAT.
SPECIAL FIRE FIGHTING PROCEDURES:
WATER SPRAY MAY BE DEFICIENT. WATER SPRAY MAY BE USED TO COOL CLOSED CONTAINERS TO PREVENT PREVENTION BUILD-UP AND POSSIBLE AUTOIGNITION OR EXPLOSION WHEN EXPOSED TO EXTREME HEAT. IF WATER IS USED, FOG NOZZLES ARE PREFERABLE. FIREFIGHTERS SHOULD WEAR SELF CONTAINED BREATHING APPARATUS.

SECTION V - REACTIVITY DATA
STABILITY: STABLE
HAZARDOUS POLYMERIZATION: NOT EXPECTED TO OCCUR
INCOMPATIBILITY (MATERIALS AND CONDITIONS TO AVOID):
AVOID CONTACT WITH STRONG AGGRESSIVE, STRONG MINERAL ACIDS, OR STRONG CORRODING AGENTS.
HAZARDOUS DECOMPOSITION PRODUCTS:
MAY PRODUCE HAZARDOUS DECOMPOSITION PRODUCTS WHEN HEATED, WELDING, BURNING, OXIDATION ON FLAME-CUTTING OR SURFACES COATED WITH THIS PRODUCT MAY PRODUCE FUMES INCLUDING: Carbon Monoxide, Oxides of Nitrogen, Formaldehyde

SECTION VI - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:
PROVIDE MAXIMUM VENTILATION. ONLY PERSONNEL EQUIPPED WITH PROPER RESPIRATORY AND SKIN PROTECTION SHOULD BE PERMITTED IN THE AREA. REMOVE ALL SOURCES OF IGNIATION. TAKE UP SPILLED MATERIAL WITH SAWDUST, VERMICULITE. OR OTHER ABSORBENT MATERIAL AND PLACE INTO CONTAINERS FOR DISPOSAL.

WASTE DISPOSAL METHOD:
WASTE MATERIAL MUST BE DISPOSED OF IN ACCORDANCE WITH FEDERAL, STATE, PROVINCIAL, AND LOCAL ENVIRONMENTAL CONTROL REGULATIONS. EMPTY CONTAINERS SHOULD BE RECYCLED OR DISPOSED OF THROUGH AN APPROVED WASTE MANAGEMENT FACILITY.

SECTION VII - HEALTH HAZARD DATA

INJURY:
- HARMFUL OR FATAL IF SWALLOWED.
- EYE CONTACT:
- CHANGES EYE IRRITATION.
- INHALATION:
- VMOUR AND SPRAY MIST MAY BE HARMFUL IF INHALED. -SANDING AND DISSOLVING DUSTS MAY BE HARMFUL IF INHALED.

CHRONIC TOXICITY:
AVOID LONG-TERM AND REPEATED CONTACT. THIS PRODUCT CONTAINS TITANIUM DIOXIDE. ANIMALS INHALE INCREASED QUANTITIES OF TITANIUM DIOXIDE DUST IN A LONG-TERM STUDY. STUDIES WITH HUMANS INVOLVED IN MANUFACTURE OF THIS PRODUCT SUGGEST NO INCREASED RISK OF CANCER FROM EXPOSURE. POTENTIAL FOR INHALATION OF TITANIUM DIOXIDE DUSTS FROM COATINGS IS VERY LIMITED. SINCE OVEREXPOSURES ARE NOT EXPECTED, THERE IS NO SIGNIFICANT HAZARD FOR MAN. THIS PRODUCT CONTAINS A FORM OF CRYSTALLINE SILICA WHICH CAN ASSOCIATE WITH AN INCREASED RISK OF CANCER IN LABORATORY ANIMALS. LONG-TERM EXPOSURES TO CRYSTALLINE SILICA MAY ALSO LEAD TO A DISABLING INJURY KNOWN AS SICKNESS. THESE EFFECTS ARE ASSOCIATED WITH BREATHING EXCESSIVE AMOUNTS OF SILICA DUST. APPLICATION OF THIS PRODUCT IS NOT EXPECTED TO GENERATE EXCESSIVE QUANTITIES OF RESPIRABLE SILICA. SO THE POTENTIAL HAZARD FOR HUMANS IS LIMITED.

SIGNS AND SYMPTOMS OF OVEREXPOSURE:
- REDNESS, ITCHING, BURNING SENSATION AND VISUAL DISTURBANCES MAY INDICATE EXCESSIVE EYE CONTACT. -DRYNESS, ITCHING, CRACKING, BURNING, REDNESS, AND SWELLING ARE CONDITIONS ASSOCIATED WITH EXCESSIVE SKIN CONTACT. MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:
- NOT APPLICABLE.

SECTION VIII - FIRST AID PROCEDURES

INJURY:
- IF SWALLOWED, DO NOT INDUCE VOMITING.
- IN CASE OF EYE CONTACT, FLUSH EYES IMMEDIATELY WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES.
- IN CASE OF SKIN CONTACT, FLUSH IMMEDIATELY WITH PLENTY OF WATER FOLLOWED BY WASHING WITH SOAP AND WATER.
- IF AFFECTED BY INHALATION OF VAPOR OR SPRAY MIST, REMOVE TO FRESH AIR. APPLY ARTIFICIAL RESPIRATION AND OTHER SUPPORTIVE MEASURES AS REQUIRED.

OTHER:
- IF ANY OF THE FOLLOWING OCCUR DURING OR FOLLOWING USE OF THIS PRODUCT, CONTACT A POISON CONTROL CENTER, EMERGENCY ROOM OR PHYSICIAN IMMEDIATELY. HAVE MATERIAL SAFETY DATA SHEET INFORMATION AVAILABLE. THIS PRODUCT IS A COMPOSITION OF HAZARDOUS MATERIALS聚集于 INHABITATION UNDER WARMING CONDITIONS.

PERSONAL PROTECTIVE EQUIPMENT FOR:
- EYE PROTECTION:
- WEAR CHEMICAL-TYPE SPLASH GOGGLES.
- SKIN PROTECTION:
- WEAR PROTECTIVE CLOTHING, INCLUDING IMPERMEABLE APRON AND GLOVES CONSTRUCTED OF NITRILE, NEOPRENE, OR LATEX.
- RESPIRATORY PROTECTION:
- WHERE VENTILATION IS INADEQUATE, USE A SUITABLE RESPIRATOR.
- OTHER EQUIPMENT:
- CLEAN OR DISCARD CONTAMINATED CLOTHING AND SHOES.
- VENTILATION REQUIREMENTS:
- PROVIDE GENERAL DILUTION OR LOCAL EXHAUST VENTILATION IN VOLUME AND PATTERN TO KEEP THE CONCENTRATION OF INGREDIENTS LISTED IN SECTION II BELOW THE LOWEST SUGGESTED EXPOSURE LIMITS, THE LEL IN SECTION IV BELOW THE STATED LIMITS. AND TO REMOVE DECOMPOSITION PRODUCTS DURING WELDING OR FLAME CUTTING OR SURFACES COATED WITH THIS PRODUCT.

SECTION IX - PROTECTION INFORMATION

HANDLING AND STORAGE PRECAUTIONS:
- DO NOT STORE ABOVE 120 DEGREES F. STORE LARGE QUANTITIES IN BUILDINGS DESIGNED AND PROTECTED FOR STORAGE OF NFPA CLASS IIIB COMBUSTIBLE LIQUIDS. PROTECT FROM FREEZING.

OTHER PRECAUTIONS:
- IF THIS MATERIAL IS PART OF A MULTIPLE COMPONENT COATING SYSTEM, READ THE MATERIAL SAFETY DATA SHEETS FOR THE OTHER COMPONENT OR COMPONENTS BEFORE BLENDING AS THE RESULTING MIXTURE MAY HAVE THE HAZARDS OF ALL OF ITS PARTS.

906/07/01/004
SECTION II - INGREDIENTS AND REGULATORY INFORMATION

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<th>INGREDIENTS</th>
<th>CAS NUMBER</th>
<th>MAX %</th>
<th>HS</th>
<th>EHS</th>
<th>TC*</th>
<th>ROQ</th>
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<td>FILM FORMERS, RESINS, AND ADDITIVES</td>
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<td>N/A</td>
<td>N/A</td>
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*** OCCUPATIONAL EXPOSURE LIMITS HAVE BEEN ESTABLISHED FOR THE FOLLOWING MATERIALS ***

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<th>TLV-TWA</th>
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<th>PEL-STEL</th>
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<td>15 mg/m³</td>
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<tr>
<td>CALCIUM CARBONATE</td>
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<td>5 mg/m³</td>
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*** SARA 311/312 CATEGORIES FOR THIS PRODUCT ***

ACUTE = Y  CHRONIC = Y  FLAM = N  PRESS = N  REAC = N

*** PRODUCT STATUS RELATIVE TO THE US EPA TOXIC SUBSTANCES CONTROL ACT ***

ALL CHEMICALS IN THIS PRODUCT COMPLY WITH ALL APPLICABLE RULES OR ORDERS UNDER THE ENVIRONMENTAL PROTECTION AGENCY'S TOXIC SUBSTANCES CONTROL ACT.

*** FOOTNOTES FOR SECTION II ***

CARCINOGENIC ACCORDING TO CRITERIA ESTABLISHED BY: *=NTP  **=IARC  @=OSHA  #=OTHER

ORAL= LD50 ORAL (RAT), (g/kg) DERM= LD50 DERMAL (RABBIT), (g/kg) INHAL= LC50 INHALATION (RAT), (Mg/L)

+ INGREDIENTS IN THE TC COLUMN ARE SUBJECT TO THE REPORTING REQUIREMENTS OF SARA TITLE IIII. SEE 40 CFR PART 372.