



MATERIAL SAFETY DATA SHEET

SECTION:I - MATERIAL IDENTIFICATION AND USE					
MATERIAL NAME : APCOSHIELD Py 900, Py 905SG, Py 910SG, Py 920SG, Py 940S, Py 940T, PPG, PPS, PPM, PPT, PPG FF					
MANUFACTURER'S NAME: ASIAN PAINTS INDUSTRIAL COATINGS LIMITED			SUPPLIER'S NAME: ASIAN PAINTS INDUSTRIAL COATINGS LIMITED		
Street Address : 6A, SHANTINAGAR, SANTACRUZ (E)			Street Address : 6A, SHANTINAGAR, SANTACRUZ (E)		
City : MUMBAI		State : MAHARASHTRA		City : MUMBAI	
Postal code: 400 055		Emergency Tel No.: 91 22 56958000		State : MAHARASHTRA	
Commercial Name: APCOSHIELD Py 900 Series Hawcoplast PP Series			Chemical Name: Polyester TGIC		
Trade Name and Synonyms: -			Product Use: PAINTING		
SECTION:II – HAZARDOUS INGREDIENTS OF THE MATERIAL					
Hazardous Ingredients	Approx. %	CAS No. U N No.	L D 50 Specify species and route)	L C 50 Specify species and route)	
1.BARIUM SULPHATE	10 - 20	7727-43-7	<15000 mg/kg		
2.FILM FORMERS, RESINS, ADDITIVES	50 - 60	NOT ESTABLISHED	--		
3. TRIGLYCIDYL ISOCYANURATE	0 - 5	NOT APPLICABLE	2451-62-9	>77mg/l (FISH/96)	
4.TITANIUM DIOXIDE	0 - 20	13463-67-7	> 24000 mg/Kg		
SECTION:III – PHYSICAL DATA FOR THE MATERIAL					
Physical state: SOLID		Odour and Appearance: NOT APPLICABLE		Odour Threshold(ppm): NOT APPLICABLE	
Specific Gravity: 1.2 – 1.7		Vapour Pressure (mm): NOT APPLICABLE		Vapour Density (Air=1): NOT APPLICABLE	
Evaporation rate: NOT APPLICABLE		Boiling Point(°C): NOT APPLICABLE		Freezing (°C): NOT APPLICABLE	
Solubility in Water: INSOLUBLE		pH : NOT APPLICABLE		Density: (gm / ml) 0.8 – 1.1	
Co-efficient of Water / Oil distribution: NOT APPLICABLE					



SECTION:IV - FIRE AND EXPLOSION HAZARD OF MATERIAL		
Flammability : Yes/No. If yes, under what conditions: Yes. 1. IN PRESENCE OF OPEN FLAME, SPARK OR OTHER IGNITION SOURCE 2. UNDER VERY HIGH TEMPERATURES		
Means of Extinction : 1. CARBON DIOXIDE 2. FOAM EXTINGUISHER		
Flash point (°C) NOT APPLICABLE	Upper Explosive Limits (% by volume) 2-3 KG/CUBIC METER	Upper Explosive Limits (% by volume) 30 MG/CUBIC METER
Auto-ignition (°C)Temperature: NOT AVAILABLE	TDG Flammability Classification: NOT AVAILABLE	Hazardous Combustion Products: NOT AVAILABLE
Explosion data: (Sensitivity to Chemical Impact) NOT APPLICABLE		Sensitivity to Static Discharge: RECOMMENDED TO SUITABLY GROUND CONTACT METAL PARTS
SECTION:V - REACTIVITY DATA		
Chemical Stability: Yes/No (If no, under what conditions)	YES	
Incompatibility with Other Substances: Yes/No	AMINES, BASES, ACIDS, MERCAPTANS	
Reactivity and under what conditions:	NON-REACTIVE UNDER AMBIENT CONDITIONS	
Hazardous Decomposition Products:	INCOMPLETE COMBUSTION CAN YIELD CARBONMONOXIDE AND DIOXIDE, ACIDS AND ALDEHYDES	
Material Name/Identifier:	NOT AVAILABLE	
SECTION:VI - TOXICOLOGICAL PROPERTIES OF MATERIAL		
Route of entry Skin Contact: NON HAZARDOUS	Skin Absorption: NOT APPLICABLE	Eye Contact: IRRITATION
Inhalation Acute: NOT AVAILABLE	Inhalation Chronic: NOT AVAILABLE	Ingestion: NOT AVAILABLE
Effects of Acute Exposure:	NOT AVAILABLE	
Effects of Chronic exposure to material: NOT AVAILABLE		
NOT AVAILABLE NOT AVAILABLE Exposure Limits Irritancy of Material		
Sensitization to Material: NOT AVAILABLE	Carcinogenicity,Reproductive Effects, Teratogenicity,Mutagenicity: NOT AVAILABLE	
Synergistic to Material:	NOT APPLICABLE	



SECTION:VII - PREVENTIVE MEASURES		
PERSONAL PROTECTIVE EQUIPMENT		
Gloves: PLASTIC	Respiratory: FACE MASK	Eyes: PROTECTIVE GLASSES
Foot ware: INDUSTRIAL CONDUCTIVE SHOES	Clothing: NORMAL COTTON CLOTHING	Other: NIL
Engineering control (e.g. Ventilation, enclosed process etc.):(please specify) ADEQUATE VENTILATION, DUST CONTROL DURING USE RECOMMENDED		
Leak and Spill Procedure : COLLECT INTO TRAY OR VACCUM CLEAN		
Waste Disposal : INCINERATE OR BURY IN NOTIFIED AREA		
Handling Procedures } NORMAL and Equipment }		
Storage Requiements : AT AMBIENT IN A SHADED AND VENTILATED LOCATION AND AWAY FROM SOURCE OF IGNITION OR FIRE.		
Special Shipping Inforamtion: NIL		
SECTION:VIII - FIRST AID AND MEASURES		
First Aid Measures EYE CONTACT : Flush with plenty of water for at least 15 Mints and seek medical attention. SKIN CONTACT : Wash with water + soap . INGESTION : Seek medical attention. INHALATION : Seek medical attention		
Sources used : MATERIAL SAFETY DATA SHEETS - ICMA BOMBAY		
Additional Information : NUISANCE DUST MAY CAUSE CELLULAR RESPONSE IN LUNGS		

**SECTION:IX - DATE OF PREPARATION OF MATERIAL SAFETY DATA SHEET**

Prepared By : TECHNICAL FUNCTION POWDER COATING DEVELOPMENT GROUP
Phone No. : 5644191 Date : 21/01/2002

SECTION:X - DISCLAIMER

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RELEASED BY :

APPROVED BY :

TECHNICAL EXECUTIVE
TECHNOLOGY

GENERAL MANAGER -

ASIAN PAINTS INDUSTRIAL COATINGS LIMITED

