

# MATERIAL SAFETY DATA SHEET

## SECTION 1: PRODUCT IDENTIFICATION

**MANUFACTURERS ADDRESS** : Dyj Coating Anand Industrial Estate, 18  
Dabhoi Rd, near Vallabh Steel,  
Vadodara, Gujarat, India

**MFG TELEPHONE NUMBER** : +91 97121 47499 /+ 91 82380 20149

**CHEMICAL NAME OF FAMILY** : EPOXY POLYESTER / PURE POLYESTER /  
PURE EPOXY / POLYURETHANE

**FORMULA** : NOT APPLICABLE

**BRAND NAME** : YASH BOND™

## SECTION 2: HAZARDOUS INGREDIENTS

Common NA	Chemical Name	Approx. Weight	TLV TWA 10.00 MG/CU M TLS STEL NOT ESTAB
CAS: 13463-67-7	TITANIUM DIOXIDE	Up to 30%	OSHA PEL 15.00 UNITS ECEILING NOT ESTAB RECOMMD NOT ESTAB
CAS: 112926-008	AMORPHOUS SILICA GEL	1%	OSHA PEL 6.00 MG/CU M ECEILING NOT ESTAB RECOMMD NOT ESTAB

## SECTION 3: PHYSICAL DATA

Physical Properties	Remarks
BOILING POINT DEG F	NA
VAPOR PRESSURE MM HG AT DEG F	NA
VAPOR DENSITY AIR = 1.0	NA
SPECIFIC GRAVITY	1.6 – 1.8
PERCENT VOLATILE BY VOLUME	0.00
EVAPORATION RATE BUTYL ACETATE = 1	NA
SOLUBILITY IN WATER	NA
APPEARANCE AND ODOR	POWDER WITH NO DISTINCT ODOR

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## SECTION 4: FIRE AND EXPLOSION HAZARD

DESCRIPTION	REMARKS
FLASH POINT ICC / PM DEG F	DECOMPOSES WITHOUT FLASHING
LOWER EXPOLOSIVE LIMIT	NA
UPPER EXPLOSIVE LIMIT	NA
EXTINGUISHING MEDIA	CARBON DIOXIDE, DRY CHEMICAL, FOAM, AND / OR WATER FOG
SPECIAL FIRE FIGHTING PROCEDURES	FIRE FIGHTERS MUST WEAR SELF CONTAINED BREATHING APPARATUS OR AIR MASKS
UNUSUAL FIRE AND EXPLOSIVE HAZARDS	REFER TO NFPA 1977 EDITION OF 33 CHAPTER 13 ORGANIC SOLIDS DUST WHEN SUSPENDED IN AIR IN THE CORRECT RATIO IS FLAMMABLE

## SECTION 5: HEALTH HAZARD DATA

DESCRIPTION	REMARKS
THRESHOLD LIMIT VALUE	NOT REQUIRED FOR MIXTURE
EFFECTS OF OVEREXPOSURE	OVEREXPOSURE TO INGREDIENTS IN THIS PRODUCT MAY CAUSE NOSE AND THROAT
IMMEDIATE EFFECTS ACUTE)	IRRIATATION, EYE IRRITATION, SKIN IRRITATION
DELAYED EFFECTS CHRONIC)	NOT KNOWN
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE	NOT KNOWN

## EMERGENCY AND FIRST AID PROCEDURES

DESCRIPTION	REMARKS
EYE CONTACT	FLASH IMMEDIATELY WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES AND GET MEDICAL ATTENTION
SKIN CONTACT	WASH THOROUGHLY WITH SOAP AND WATER
CLOTHING	REMOVE CONTAMINATED CLOTHING AND SHOES, WASH CLOTHING BEFORE REUSE, AND THOROUGHLY CLEAN CONTAMINATED SHOES
INHALATION	IF INHALED, REMOVE TO FRESH AIR, IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION, IF BREATHING IS DIFFICULT, GIVES OXYGEN, GET MEDICAL ATTENTION IMMEDIATELY
SWALLOWING	IF SWALLOWED, CONTACT MEDICAL PERSONNEL IMMEDIATELY TO DETERMINE BEST COURSE OF ACTION
POSSIBLE ROUTES OF ENTRY	INHALATION, INGESTION

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## SECTION 6: REACTIVITY DATA

<b>THIS PRODUCT IS STABLE</b>	
<b>CONDITIONS TO AVOID</b>	NONE
<b>INCOMPATIBILITY</b>	STRONG OXIDIZERS
<b>HAZARDOUS DECOMPOSITION PRODUCTS</b>	CARBON DIOXIDE / MONOXIDE
<b>HAZARDOUS POLYMERIZATION</b>	NONE

## SECTION 7: SPILL OR LEAK PROCEDURES

<b>SHOVEL UP AND DISPOSE OF IN AN APPROVED MANNER</b>	AVOID CONTACT WITH EYES
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## WASTE DISPOSAL METHODS

1. PLACE THE POWDER, BACK IN THE CORRUGATED BOXES WITHOUT THE POLYTHENE BAGS AND PUT THEM NEAR AN OVEN TILL THE POWDER SOLIDIFIES. DUMP IT AS SOLID WASTE.
2. DISPOSE THE POWDER BY BURYING IT UNDER GROUND IN AN ISOLATED AREA
3. DISPOSE IN CHEMICAL DISPOSAL AREA OR IN A MANNER THAT COMPLIES WITH LOCAL / NATIONAL REGULATONS.

## SECTION 8: SPECIAL PROTECTION INFORMATION

### RESPIRATORY PROTECTION

REQUIRED FOR DUSTS AND FUME CONDITIONS.

### VENTILATION

VENTILATION EQUIPMENT SHOULD BE EXPLOSION PROOF. CURING OVENS SHOULD BE PROPERLY VENTED TO PREVENT RELEASE OF CURING OFF GASES INTO THE WORKPLACE

**PROTECTIVE GLOVES** : USUAL INDUSTRIAL HAND PROTECTION  
**EYE PROTECTION** : USUAL INDUTRIAL EYE PROTECTION  
**OTHER PROTECTIVE EQUIPMENT** : USUAL INDUSTRIAL WORK CLOTHES

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## SECTION 9 : SPECIAL PRECAUTIONS

### PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

- AVOID FREE FALL OF POWDER IN EXCESS OF A FEW INCHES, KEEP AWAY FROM HEAT.
- SPARKS AND OPEN FLAMES. KEEP CONTAINER CLOSED WHEN NOT IN USE. DO NOT STORE ABOVE 49°C.

### ABREVIATIONS USED

<b>OSHA</b>	OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION
<b>IRC</b>	INTERNATIONAL AGENCY FOR RESEARCH ON CANCER
<b>LEL</b>	LOWER EXPLOSIVE LIMITS
<b>UEL</b>	UPPER EXPLOSIVE LIMITS
<b>MG CU M</b>	MILLIGRAMS PER CUBIC METER
<b>MM</b>	MILLIMETERS
<b>PPM/CF</b>	MILLIONS OF PARTICLES PER CUBIC FEET
<b>MSHA</b>	MINE SAFETY AND HEALTH ADMINISTRATION
<b>NA</b>	NOT APPLICABLE
<b>NIOSH</b>	NATIONAL INSTITUTE OF OCCUPATIONAL SAFETY AND HEALTH
<b>NOT ESTAB</b>	NOT ESTABLISHED
<b>NTP</b>	NATIONAL TOXICOLOGY PROGRAM
<b>PEL</b>	PERMISSIBLE EXPOSURE LEVEL
<b>PPM</b>	PARTS PER MILLION
<b>TCC</b>	TAG CLOSED CUP
<b>PM -PENSKY</b>	MARTEN
<b>RECM</b>	RECOMMENDED
<b>TLV</b>	THRESHOLD LIMIT VALUE

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