

**MATERIAL SAFETY DATA SHEET**

Date: 01/4/2017

**1. SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION**

- 1.1 Product Name - EPOXY - POLYESTER , PURE POLYESTER , EPOXY  
 1.2 Product Code No. - ALL SHADES  
 1.3 Manufacture's Name -  
 RAJYOG PAINTS  
 1.4 Telephone Numbers and Website - www.rajyogpaints.com

**2. SECTION 2 – COMPOSITION/INFORMATION ON INGREDIENTS****2.1 Chemical Characteristics –**

Our products are bisphenol a epichlorohydrin based epoxy resin and carboxylic acid based polyester resin.

**2.2 Information on ingredients –**

Substance	CAS No.	Content (wt %)		Note
		Lower	Upper	
Titanium Dioxide	13463-67-7	0.1	≤ 30	OSHA PEL 10 mg/m <sup>3</sup> total dust & 5 mg/m <sup>3</sup> respirable fraction
Barium Sulphate	7727-43-7	10	≤ 45	
Calcium Carbonate	471-34-1	10	≤ 20	

**Note** – The permissible exposure limit (PEL) or Occupational Safety and Health Administration (OSHA PEL), CAS No.- CAS Number, is a unique numerical identifier assigned by Chemical Abstracts Service (CAS) to every chemical substance described in the open scientific literature.

**SECTION 3 – HAZARDS IDENTIFICATION****ROUTES OF EXPOSURE**

- INHALATION of spray mist.  
 EYE or SKIN contact with the product or spray mist.

**EFFECT OF OVEREXPOSURE**

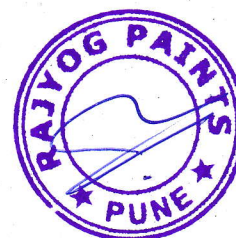
- EYES: Irritation.  
 SKIN: Prolonged or repeated exposure to dust may cause irritation.  
 INHALATION: Irritation of the upper respiratory system.

**SIGN AND SYMPTOMS OF OVEREXPOSURE**

Redness and itching or burning sensation may indicate eye or excessive skin exposure.

**MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE**

None generally recognized.



#### SECTION 4 – FIRST AID MEASURES

EYES: Flush eyes with large amount of water for 15 min. Get medical attention  
SKIN: wash affected area thoroughly with soap and water.  
INHALATION: if affected, remove from exposure. Restore breathing. Keep warm and quit.  
INGESTION: Do not induce vomiting. Get medical attention immediately.

#### SECTION 5 – FIRE FIGHTING MEASURES

FLASH POINT	FLAMMABILITY	UPPER EXPLOSIVE LIMIT UPL	LOWER EXPLOSIVE LIMIT UPL	TOXICITY
NA	NA	NA	NA	NA

#### EXTINGUISHER MEDIA

Carbon dioxide, Dry chemical, Foam.

#### UNUSAL FIRE AND EXPLOSION HAZARDS

Dust at sufficient concentration can form explosive mixture with air.  
During emergency condition overexposure to decomposition product may cause a health hazard.  
Symptoms may not be immediately apparent. Obtain medical attention.

#### SPECIAL FIRE FIGHTING PROCEDURE

Full protective equipments including self-contained breathing apparatus should be used. Water spray may be ineffective. If water is used, fog nozzles are preferable. Water may be used to cool closed containers to prevent pressure build-up and possible auto ignition or explosion when exposed to extreme heat.

#### SECTION 6 – ACCIDENTAL RELEASE MEASURES

#### STEP TO BE TAKEN IN CASE OF MATERIAL IS RELEASED OR SPILLED

Remove all sources of ignition.  
Ventilate the area. Sweep up material taking care not to generate airborne dust

#### SECTION 7 – HANDLING AND STORAGE

#### STORAGE CATEGORY – NA

#### PRECAUTION TO BE TAKEN IN HANDLING AND STORAGE

Store in cool and dry area out of direct sunlight. Keep container closed when not in use. Transfer only to approved container with complete and appropriate labeling. Keep out of the reach of children.

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#### SECTION 8 – EXPOSURE CONTROL/ PERSONAL PROTECTION

#### PRECAUTION TO BE TAKEN IN USE



Use only with adequate ventilation

Avoid eye and prolonged skin contact with dust. Avoid generating or breathing airborne dust.

Wash hands after using. This coating may contain material classified as nuisance particles which may be present at hazardous levels only during sanding or abrading of dried film.

#### VENTILATION

Local exhaust preferable. Generate exhaust acceptable if the exposure to material in section 2 is maintained below applicable exposure limit. Refer to OSHA Standards.

#### RESPIRATORY PROTECTION

If personal cannot be controlled limits by ventilation, wear a properly fitted organic vapor/particulate respirator. When sanding or abrading the dried film, wear a dust/mist respirator.

#### PROTECTIVE GLOVES

Required for long or repeated contact.

#### EYE PROTECTION

Wear safety spectacles with unperforated side shields.

### SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

PRODUCT WEIGHT	: 10 Kg.
SPECIFIC GRAVITY	: 1.60+/-0.2
IGNITION TEMP	: $\geq 450$ °C
FLASH POINT	: NA
LOWER EXPLOSIVE LIMIT	: ca 50-70g/m <sup>3</sup>
BOILING POINT	: NA
MELTING POINT	: $\geq 50$ °C
VOLATILE VOLUME	: 0%
EVAPORATION RATE	: NA
VAPOR DENSITY	: NA
SOLUBILITY IN WATER	: NA
SOLID CONTENT	: 100 % bw

#### ADDITIONAL INFORMATION

The physical specifications are approximate values and refer to the sued safety relevant components

### SECTION 10 – STABILITY AND REACTIVITY

STABILITY	: Stable
CONDITIONS TO AVOID	: High concentration of airborne dust which may ignite explosively
INCOMPATIBILITY	: Strong oxidizers, acids or alkalies
HAZARDS DECOMPOSITION PRODUCTS	: By fire: Carbon Dioxide, Carbon Monoxide
HAZARDOUS POLYMERIZATION	: Will not occur.

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### SECTION 11 – TOXICAL INFORMATION



#### EXPERIENCE ON PRACTICE

There are no data available on the product itself. Powder coatings can cause localized skin irritation in folds of the skin or in contact with tight clothing.

#### ADDITIONAL TOXICOLOGICAL INFORMATION

The product was classified in toxicological terms on the basis of the results of the calculation procedure outlined within General Directive on preparations

### SECTION 12 – ECOLOGICAL INFORMATION

#### DETAILS ON ELIMINATION (PERSISTANCE / DEGRADIBILITY)

There are no data available on the product itself.

#### ADDITIONAL ECOLOGICAL INFORMATION

Do not empty into waters or drain

### SECTION 13 – DISPOSAL CONSIDERATION

Waste from this product is not hazardous as defined under the Resource conservation and Recover Act (RCRA) incinerate in approved facility. Do not incinerate closed container. Dispose of in accordance with Federal, State/Provincial, and Local regulation regarding pollution.

### SECTION 13 – TRANSPORT INFORMATION

When transporting within the users premises, always transport in closed container, upright and secure. Ensure that person transporting the product know what to do in the event of accident or spillage. The product is not classified as dangerous for carriage in India or International Regulations

### SECTION 14 – REGULATORY INFORMATION

#### CLASSIFICATION ACCORDING TO EC DIRECTIVES

Hazard components and symbols	: Not necessary
R Phrases	: Not necessary
S Phrases	: Not necessary

### SECTION 15 – OTHER INFORMATION

Look at the technical data sheet.

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Version no: 00

*This information is based on present knowledge of Rajyog Paints. It is recommended that customers carry out their own assess to guarantee the safety in the use of the product.*

