



# VIBFAST PIGMENTS PVT. LTD.

## Safety Data Sheet

According to Regulation EC No. 1907/2006 (REACH), EC No. 1272/2008 (CLP)

Date / Revised : 20.09.2016 Product : PIGMENT YELLOW 12	Revision No. ____	Page 1 of 4
--	-------------------	-------------

### 1. Identification of the substance/preparation and of the Company/Undertaking

#### Product details:

Trade Name : Vibfast Yellow 4004  
Chemical Name : PIGMENT YELLOW 12  
REACH registration No. /  
Pre – Registration No. : 05-2114595999-14-0000  
Use of the substance / the  
preparation : Colorants for Printing Ink, Paints, Plastics, Rubber, etc.

#### Company/undertaking identification:

Supplier(Manufacturer) : Vibfast Pigments Pvt. Ltd.  
Address : C-1, 91/6, Phase 1, G.I.D.C., B/h. Bank of India, Vatva,  
Ahmedabad-382 445, INDIA  
Telephone : 0091-79-32920774, 0091-79-64501424  
Fax : 0091-79-25893014  
Emergency telephone No. : 0091-79-32920774  
e-mail : [amit@vibfast.com](mailto:amit@vibfast.com)

### 2. HAZARDS IDENTIFICATION

**Hazard description** : Not applicable

**Information concerning particular hazards for human and environment** : Not applicable

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical characterization :  
CAS No., description : 6358-85-6, Pigment Yellow 12, C.I. 21090  
Identification No. : EINECS No. 228-787-8

### 4. FIRST AID MEASURES

**General information** : No special measures required.  
**In case of Inhalation** : Move person to fresh air. Consult doctor in event of any complaints.  
**In case of Skin Contact** : Wash with soap and water.  
**In case of Eye Contact** : Immediately flush eyes with water for at least 15 minutes. If discomfort persists, seek medical attention.  
**In case of Ingestion** : Rinse Mouth with water. Seek medical attention.

### 5. FIRE FIGHTING MEASURES

**Suitable Extinguishing media** : Co<sub>2</sub>, powder or water spray, fight larger fires with water spray or alcohol resistant foam.  
**Protective equipment** : Wear self-contained respiratory protective device. Wear fully protective suit.



# VIBFAST PIGMENTS PVT. LTD.

## Safety Data Sheet

According to Regulation EC No. 1907/2006 (REACH), EC No. 1272/2008 (CLP)

Date / Revised : 20.09.2016 Product : PIGMENT YELLOW 12	Revision No. ____	Page 2 of 4
--	-------------------	-------------

### 6. ACCIDENTAL RELEASE MEASURES

**Person-related safety precautions :**

Use protective equipment as indicated in item 8. Avoid inhalation of dusts.

**Measures for environmental protection :**

Dilute with plenty of water. Do not allow to enter sewers / surface / ground water.

**Measures for Cleaning/collecting :**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

**Additional information :**

No dangerous substances are released.

### 7. HANDLING AND STORAGE

**Handling :** No special measures required.

**Storage :** Store in dry and cool conditions. (+5 to +30<sup>o</sup>c), Ensure adequate ventilation, avoid formation of dust.

**Storage class :** No data.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION :

**Additional information about design of technical facilities :** No Further data. See item 7.

**Ingredients with limit values that require monitoring at the workplace :** Not require.

**Personal protective equipment :**

**General protective and hygienic measures :** The usual precautionary measures are to be adhered to when handling chemicals.

**Respiratory protection :** Not required.

**Protection of hands :**



Protective gloves

**Material of gloves :** Rubber gloves (EN 374)

**Penetration time of glove material :** The exact break through time has to found out by the manufacturer of the protective gloves and has to be observed.

**Eye Protection :** Goggles recommended during refilling. Tightly sealed goggles. (EN 166)



Tightly sealed goggles (EN 166)

**Body protection :** Protective work clothing (EN 344)

### 9. PHYSICAL AND CHEMICAL PROPERTIES

General Information:

Appearance : Powder  
Color : Yellow  
Odour : Odourless



# VIBFAST PIGMENTS PVT. LTD.

## Safety Data Sheet

According to Regulation EC No. 1907/2006 (REACH), EC No. 1272/2008 (CLP)

Date / Revised : 20.09.2016 Product : PIGMENT YELLOW 12	Revision No. ____	Page 3 of 4
--	-------------------	-------------

Important health, safety and environmental information:

pH	: 6-8
Melting Point/range(°C)	: Undetermined
Boiling point/range(°C)	: Undetermined
Flash point(°C)	: Not Applicable
Density (g/cm <sup>3</sup> ) (20°C)	: 4-5
Water solubility (g/l) at 25°C	: Slightly soluble / insoluble
Danger of explosion	: Product does not present an explosion hazard.
Organic solvents	: 0.0%
Solid contents	: 100.0%

### 10. STABILITY AND REACTIVITY

**Thermal decomposition/condition to be avoided** : No decomposition if used according to specifications.

**Dangerous reactions** : No dangerous reactions known.

**Dangerous decomposition product** : No dangerous decomposition products known.

### 11. TOXICOLOGICAL INFORMATION

Acute toxicity:

**LD/LC 50 values relevant for classification** :

Oral LD50 > 5000 mg/kg (rat)

**Primary irritant effect** :

**On the skin** : Not irritant (data from literature).

**On the eye** : Not irritant (data from literature).

**Sensitization** : No sensitizing effect known (data from literature).

**Additional toxicological information** :

When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

*The substance is not subject to classification according to the latest version of EU lists.*

### 12. ECOLOGICAL INFORMATION

**Information about elimination (persistence and degradability):**

*Degree of elimination* : The pigment is almost insoluble in water and therefore it is not bioavailable. It is probable that the product can be eliminated/removed from the sewage by mechanical/biological treatment.

**Ecotoxicological effects** :

**Remarks** : AOX – indication :

*The pigment does not contain chlorus.*

**Heavy Metals** :

*The possible content of soluble heavy metals as microcontaminants are typical below 25 ppm for each of the following :*

*Antimony, Arsenic, Chromium, Lead, Cadmium, Mercury, Nickel, Selenium, Zinc.*



# VIBFAST PIGMENTS PVT. LTD.

## Safety Data Sheet

According to Regulation EC No. 1907/2006 (REACH), EC No. 1272/2008 (CLP)

Date / Revised : 20.09.2016 Product : PIGMENT YELLOW 12	Revision No. ____	Page 4 of 4
--	-------------------	-------------

**General notes :** Water hazard class 1 (German Regulation) (self-assessment): slightly hazardous for water.

### 13. DISPOSAL CONSIDERATIONS

**Product:**

**Recommendation** smaller quantities can be disposed of with household waste.

**Uncleaned packaging:**

**Recommendation :** Disposal must be made according to official regulations.

**Recommended cleansing agents :** Water, if necessary together with cleansing agents.

### 14. TRANSPORT INFORMATION

**Land transport ADR/RID (cross-border)**

**ADR/RID class: NIL**

**Maritime transport IMDG:**

**IMDG class: NIL**

**Air transport ICAO-TI and IATA-DGR :**

**ICAO/IATA class: NIL**

**Transport/additional information :** Not dangerous according to the above specifications.

### 15. REGULATORY INFORMATION

**Labeling according to EU guidelines:**

Observe the general safety regulations when handling chemicals. The substance is not subject to classification according to EU lists and other sources of literature known to us.

**Safety phrases :** 36/37 wear suitable protective clothing and gloves.

### 16. OTHER INFORMATION

*This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.*

**Department issuing MSDS :** Technical & Customer Support

**Contact :** Mr. Francis Koriya, e-mail : [amit@vibfast.com](mailto:amit@vibfast.com)

**ADR:** Accord europeen sur le transport des marchandises Dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

**RID:** Reglement internationale concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

**IMDG:** International Maritime Code for Dangerous Goods

**IATA:** International Air Transport Association

**IATA-DGR:** Dangerous Goods Regulation by the "International Air Transport Association" (IATA)

**ICAO:** International Civil Aviation Organization

**ICAO-TI:** Technical Instructions by the "International Civil Aviation Organization" (ICAO)

**CAS:** Chemical Abstracts Service (division of the American Chemical Society)

**VOC:** Volatile Organic Compounds (USA, EU)

**LC50:** Lethal concentration, 50 percent

**LD50:** Lethal dose, 50 percent

**\*Data compared to the previous version altered.**