

# MATERIAL SAFETY DATA SHEET

## PIGMENT RED 48:4

### 1 IDENTIFICATION OF THE PRODUCT AND THE COMPANY

#### 1.1 IDENTIFICATION OF THE SUBSTANCE / PREPARATION:

Pigment Red 48:4

**Trade Name:** PIGMENT RED 48:4

#### 1.2 USE OF THE SUBSTANCE OR PREPARATION

Pigment Red 48:4 is a pigment product. It is used to prepare air drying enamel paint, plastic, rubber, dry dispersions, water base dispersion, flexo graphic inks and many other applications.

#### 1.3 IDENTIFICATION OF THE COMPANY:

RAR Resin & Chemical Industries JLT

11th Floor, Jumeirah Lake Towers, P.O. Box: 47381, Dubai UAE

Tel: +971 4 4356516 / +971 4 4356517

Email: info@rarresin.com

Fax: +971 4 4356518

Website: www.rarresin.com

### 2 CHEMICAL COMPOSITION OF PIGMENT RED 48:4

**Colour Index Name:** Pigment Red 48:4

**Colour Index Number:** 15865:4

**CAS No:** 2580-66-0

### 3 HAZARD IDENTIFICATION

- No hazardous effects known.
- The product is not a substance subject to mandatory marking in accordance with EEC Directive 67/548/EEC or amendments.

### 4 FIRST AID MEASURES

**After inhalation:** Supply fresh air

**After eye contact:** Flush with plenty of water for 15 mins, occasionally raising eyelids.

**After skin contact:** Wash skin with mild soap and water

### 5 FIRE-FIGHTING MEASURES

**Suitable extinguishing media:** No restriction

**Special hazards caused by the material, its**

**Combustion products or resultants gases:** None

**Special personal protective Equipment:** None

### 6 ACCIDENTAL RELEASE MEASURES

**Environmental protection conduct:**

Do not sweep or wash in public stretches of water, sewers or suites of unknown discharge.

**After spillage / leakage:**

Clean up immediately with wetting or absorbent material avoiding dusting.

#### DISCLAIMER

This information contained in the data sheet is to the best of our knowledge correct and up to date. Under well-defined conditions. Its accuracy or suitability under the actual conditions of any independent use is not guaranteed and must be determined by the user. All advice given about this product is given in good faith. Since as we have no control over conditions of substrate, manufacturer and seller cannot accept any liability in connection with the use of the product relative to coverage, performance, injury, or damage, unless we specify in writing to do so. The information in this data sheet is subject to change without prior notice and it is the user responsibility to ensure it is current. For further information and advice please contact RAR RESIN Technical Service Department.

## 7 HANDLING AND STORAGE

<b>Handling:</b>	Usual precautions for nuisance dust should be observed.
<b>Protection against:</b>	Keep away from sources of ignition-No smoking. Risk of dust explosion.
<b>Fire &amp; explosion</b>	
<b>Storage:</b>	Store in roofed places at room temperature. Keep tightly sealed.
<b>Flammability:</b>	Not applicable.

## 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

**Additional notes for design of plant equipment:** No further details See section 7

**Components with workplace related limits to be monitored**

Designation	%	Type of Data	Unit
Nuisance dust	100	MAK	6 mg/m <sup>3</sup>
		TLV / TWA	10 mg/m <sup>3</sup>

### Personal Protection Equipment

**Respiratory protection:** An appropriate dust filter has to be used should a breathable dust occur.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

<b>Form:</b>	Powder		
<b>Colour:</b>	Red		
<b>Odour:</b>	Odourless		
<b>Change in physical state:</b>	Value / Area	Unit	Method
<b>Thermal Decomposition:</b>	> 400	°C	
<b>Auto ignition Temperature:</b>	n.a.	°C	
<b>Flammable properties:</b>	The product is not flammable		
<b>Explosion risks:</b>	Risk of formation of explosive pigment dust / air mixture		
<b>Explosion Limits</b>			
<b>Lower:</b>	n.a.		
<b>Upper:</b>	n.a.		
<b>Vapour pressure:</b>	n.a.	mbar	
<b>Density:</b>	0.25 to 0.35 (20°C)	g/cm <sup>3</sup>	DIN/ISO 787 Part 10
<b>Part 10</b>			
<b>Soluble in water:</b>	Insoluble (20°C)	g/l	DIN/ISO 787 Part 8
<b>Part 8</b>			
<b>pH Value:</b>	5 - 8.5 (20°C)		DIN/ISO 787 Part 9
<b>Part 9</b>			

## 10 STABILITY AND REACTIVITY

**Hazardous decomposition:** No decomposition if used and stored according to specification.

## 11 TOXICOLOGICAL INFORMATION

**The product is non-toxic. LD50/LC50 values relevant for classification:** LD50 oral/rat > 5000mg / kg

**Primary irritation**

<b>Skin:</b>	Non irritant (rabbit)
<b>Eye:</b>	Non irritant (rabbit)

## 12 ECOLOGICAL INFORMATION

**AQUATIC TOXICITY:** This product is insoluble in water therefore unlikely to be harmful to aquatic organism.

**PERSISTANCE AND BIODEGRADABILITY:** Non Available

**EFFECT ON EFFLUENT TREATMENT:** Not Available

### DISCLAIMER

This information contained in the data sheet is to the best of our knowledge correct and up to date. Under well-defined conditions. Its accuracy or suitability under the actual conditions of any independent use is not guaranteed and must be determined by the user. All advice given about this product is given in good faith. Since as we have no control over conditions of substrate, manufacturer and seller cannot accept any liability in connection with the use of the product relative to coverage, performance, injury, or damage, unless we specify in writing to do so. The information in this data sheet is subject to change without prior notice and it is the user responsibility to ensure it is current. For further information and advice please contact RAR RESIN Technical Service Department.

### 13 DISPOSAL CONSIDERATION

**PRODUCT:** Disperse in accordance with federal , state and local regulation.

**Waste code:** 55514 (Germany)

Check re-use as alternative.

Contaminated packages and containers emptied but contaminated packages and containers may be recycled.

### 14 TRANSPORT INFORMATION

No declaration for transport required.

### 15 REGULATORY INFORMATION

**HAZARDOUS SUBSTANCE(S) IN THE PRODUCT**

**HAZARDOUS SYMBOL(S)** - Not subject to labeling

**OTHER REGULATORY** - The product is not a substance subject to mandatory marking in accordance with EEC Directive 67/548/EEC or amendments.

### 16 OTHER INFORMATION

The information contained herein is based on the present state of our knowledge, but without liability.

**Department issuing this data sheet:** QA department

#### DISCLAIMER

This information contained in the data sheet is to the best of our knowledge correct and up to date. Under well-defined conditions. Its accuracy or suitability under the actual conditions of any independent use is not guaranteed and must be determined by the user. All advice given about this product is given in good faith. Since as we have no control over conditions of substrate, manufacturer and seller cannot accept any liability in connection with the use of the product relative to coverage, performance, injury, or damage, unless we specify in writing to do so. The information in this data sheet is subject to change without prior notice and it is the user responsibility to ensure it is current. For further information and advice please contact RAR RESIN Technical Service Department.