



## MATERIAL SAFETY DATA SHEET

### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Trade Name : **NAVFAST ORANGE 9020**  
 Company : NAVPAD PIGMENTS PVT. LTD.  
 Plot No. 1196/1/A &B, Village Rajpur,  
 Chhatral - Mehsana Highway, Rajpur - 382715, Gujarat, India  
 Telephone No. : + 91 2764 278338

### 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name or Generic : Pigment Orange 64  
 CI No. : 12760  
 CAS No. : 72102-84-2  
 EINECS No. : 276-344-2  
 Chemical Class : Benzimidazolone  
 Use of Substance : Colouring component for Coatings, Inks, Plastics & Rubber

### 3. HAZARDS IDENTIFICATION

This product does not require labeling in sense of the preparation guideline 1999/45/EC.

### 4. COMPOSITION / INFORMATION ON INGREDIENTS

Composition : Tetrazotized 3, 3 dichlorobenzidine coupled with 3 methyl 1 p tolyl 5 pyrazolone(2 moles).  
 Hazardous ingredients : None for substances with exposure limits see ch. 8

### 5. FIRST AID MEASURES

Ingestion : Rinse mouth thoroughly with water Consult physician.  
 Skin Contact : Wash immediately with soap and water.  
 Eye Contact : Rinse immediately thoroughly with plenty of water and consult an Ophthalmologist  
 Inhalation : Provide fresh Air. Consult physician if problems arise.

#### PIGMENT ORANGE 64



CIN No: U24220GJ1998PTC033736

#### NAV PAD PIGMENTS PVT. LTD.

A Govt. Of India Recognized Star Export House

Regd. Office & Factory: 1196/1/A & B, Ghumasan Patia Road,  
 Chhatral - Mehsana Highway, Rajpur - 382715, Gujarat, India

T: +91-982-503-1388 / +91-2764-278338

E: exports@navpadpigments.com W: www.navpadpigments.com

## 6. FIRE FIGHTING MEASURES

Extinguishing Media	:	Water mist, foam, extinguishing dry chemical recommended. Full water jet and CO2 must not be used.
Special Hazards	:	As pigment is nonflammable there is no special fire hazard.
Protective Equipment	:	Use self-contained breathing devices To employ extinguishing techniques that do not create dusts or are otherwise appropriate to the fire conditions
Exposure Hazards	:	Contaminated firefighting water must not be discharged into the drainage system

## 7. ACCIDENTAL RELEASE MEASURES

Personal Precautions	:	Use suitable hand gloves; avoid making dust; avoid contacting with skin and eyes by wearing an approved dust mask
Personal Precautions	:	Wash thoroughly after contact with pigments
Environmental Precautions	:	Do not allow to enter drains/surface water/ground-water.
Method of cleaning up	:	Collect mechanically Dispose of contaminated material as waste according to item 13 Avoid dust explosion by eliminating dust formation & electrical charging Spread absorbent material; collect into suitable container for disposal. Waste disposal methods should comply with methods set forth by local/state/federal authorities

## 8. HANDLING AND STORAGE

Handling	:	Avoid: Generation of dust.
Storage	:	Keep the packing dry and well sealed to prevent contamination and absorption of humidity. Precautions against fire and Keep away from: Heating. Keep away from sources of ignition explosion: No smoking.

## 9. EXPOSURE CONTROLS / PERSONAL PROTECTION

Respiratory protection	:	Filtering mask P.
Hand protection	:	Use impervious/antistatic/PVC/PE gloves
Eye protection	:	Eye glasses with side protection type 4 (EN 166).
Protective clothing	:	Working clothes protecting the whole body.

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## 10. PHYSICAL AND CHEMICAL PROPERTIES

Form	:	Powder
Color	:	Bright Orange to Reddish orange
Odor	:	Odorless
PH Value	:	4.8 – 6.5
Melting point/ Melting range	:	320 - 350 °C
Flash point	:	Not applicable
Flammability	:	Non-flammable
Ignition temperature	:	Not applicable
Danger of explosion	:	Product is not explosive. Dust can form an explosive Mixture with air
Density	:	20 – 35 gm/ml
Solubility in water	:	Insoluble
Vapour Pressure	:	Not applicable
Octanol/Water partition Coefficient (Log Pow)	:	Not determined

## 11. STABILITY AND REACTIVITY

Stability	:	This product is stable under normal storage conditions
Hazardous reaction	:	Risk of dust explosion, No dangerous reactions known
Hazardous decomposition products	:	No dangerous decomposition products are known if handled & stored appropriately
Conditions to avoid	:	Temperature exceeding thermal stability High concentration of powders, Electrostatic charges
Material to avoid	:	Very strong oxidizing and reducing agents

## 12. TOXICOLOGICAL INFORMATION

Acute oral toxicity	:	LD 50>5000 mg/kg (Oral rat)
Skin irritation	:	Non irritant (rabbit)
Eye irritation	:	Non irritant (rabbit)
Sensitization	:	No sensitization effect known
Remark	:	The information in this section are derived from sources considered reliable & products of similar composition

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### 13. ECOLOGICAL INFORMATION

Other adverse effects

Handled in such a way that it will not contaminate the environment

Insoluble in water. Based on data from similar products it is not expected to pose a hazard to the environment.

### 14. DISPOSAL CONSIDERATIONS

**Product:** Material is not considered as dangerous however it should be taken to a suitable & authorized waste disposal site in accordance with relevant regulations. In general the product is dusty, and along as it has not been adequately wetted, it should be packed in well-closed containers for removal.

**Empty un-cleaned packaging:** To be dispose off as product waste

### 15. TRANSPORT INFORMATION

Not classified as dangerous according to ADR/RID/IATA/IMDG

Custom tariff no.: 32041720

### 16. REGULATORY INFORMATION

**Labeling** : The products has not be labeled according to guideline 67/548/EEC & (EC) No 1272/2008 (CLP)

**Designation according to EC guidelines:** Not Require

**Water hazard class** : Not hazardous – class 0 (self-assessment)

**EINECS No.:** 239-898-6

### 17. OTHER INFORMATION

These data are based on our present knowledge, & are intended to describe the product with regard to the safety requirements. The data shall not constitute a guarantee of a particular or general specification nor shall it establish a legally valid contractual relationship. It will be a sole responsibility of the user of the product to ensure the suitability of the product intended for the purpose & method of use. We take no responsibility for any harm caused by the use of these data.

**PREPARED BY** : TECHNICAL SERVICE DEPARTMENT, NAVPAD PIGMENTS PVT.LTD.

**PLACE** : RAJPUR

**LAST REVIEW DATE** : 1<sup>ST</sup> NOVEMBER, 2020.

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