



## MATERIAL SAFETY DATA SHEET

### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Trade Name : **NAVFAST ORANGE 9038**  
 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 13  
 C.I No. : 21110  
 CAS No. : 3520-72-7  
 EINECS No. : 222-530-3  
 Chemical Class : Disazopyrazolone  
 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 dischlorobenzidine coupled with 3 methyl 1 phenyl 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 13



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.<br>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<br>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<br>Dispose of contaminated material as waste according to item 13<br>Avoid dust explosion by eliminating dust formation & electrical charging<br>Spread absorbent material; collect into suitable container for disposal.<br>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.<br>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                        | : | Reddish Orange  |
| Odor                         | : | Odorless  |
| PH Value                     | : | 3.2 – 7.0   |
| Melting point/ Melting range | : | 322 - 332 °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                      | : | 0.20 – 0.35 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<br>High concentration of powders, Electrostatic charges |
| Material to avoid                | : | Very strong oxidizing and reducing agents   |

## 12. TOXICOLOGICAL INFORMATION

|                     |   |  |
|---------------------|---|--|
| Acute oral toxicity | : | LD50 > 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 & authorised waste disposal site in accordance with relevant regulations. In general the product is dusty, and as long as it has not been adequately wetted, it should be packed in well-closed containers for removal.

**Empty un-cleaned packaging:** To be disposed 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.:** 222-530-3

### 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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