



SAFETY DATA SHEET NITOFLOR COLOR POT

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name NITOFLOR COLOR POT

Product number A1817525 AE1, A1817136AE1, A1817290AE1, A1817620AE1, A18176631AE1, A1817691AE1, A1817891AE1

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses Colour additive for epoxy systems.

1.3. Details of the supplier of the safety data sheet

Supplier Al Gurg Fosroc LLC
PO Box 657
Dubai
United Arab Emirates
+ 971 4 2858606

1.4. Emergency telephone number

Emergency telephone +97142039699 (08:00 to 16:30) // +971506258232 (16:30 to 08:00)GMT+4

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

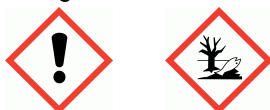
Physical hazards Not Classified

Health hazards Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Skin Sens. 1 - H317

Environmental hazards Aquatic Chronic 2 - H411

2.2. Label elements

Pictogram



Signal word Warning

Hazard statements H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H411 Toxic to aquatic life with long lasting effects.

Precautionary statements P261 Avoid breathing vapour/ spray.
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
P332+P313 If skin irritation occurs: Get medical advice/ attention.
P337+P313 If eye irritation persists: Get medical advice/ attention.
P501 Dispose of contents/ container in accordance with national regulations.

NITOFLOR COLOR POT

| | |
|---|---|
| Contains | EPOXY RESIN (Type A) (Number average MW ≤ 700), OXIRANE, MONO [(C12-14-ALKYLOXY)METHYL] DERIVS |
| Supplementary precautionary statements | <p>P264 Wash contaminated skin thoroughly after handling.</p> <p>P272 Contaminated work clothing should not be allowed out of the workplace.</p> <p>P273 Avoid release to the environment.</p> <p>P302+P352 IF ON SKIN: Wash with plenty of water.</p> <p>P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P321 Specific treatment (see medical advice on this label).</p> <p>P333+P313 If skin irritation or rash occurs: Get medical advice/ attention.</p> <p>P362+P364 Take off contaminated clothing and wash it before reuse.</p> <p>P391 Collect spillage.</p> |

2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

| | |
|---|--|
| EPOXY RESIN (Type A) (Number average MW ≤ 700) | 30-60% |
| CAS number: 25068-38-6 | EC number: 500-033-5 |
| | REACH registration number: 01-2119456619-26-XXXX |
| Classification Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Skin Sens. 1 - H317 Aquatic Chronic 2 - H411 | |
| OXIRANE, MONO [(C12-14- ALKYLOXY)METHYL] DERIVS | 5-10% |
| CAS number: 68609-97-2 | |
| Classification Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Skin Sens. 1 - H317 | |

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

| | |
|---------------------|--|
| Inhalation | Move affected person to fresh air at once. Rinse nose and mouth with water. Get medical attention if any discomfort continues. |
| Ingestion | Never give anything by mouth to an unconscious person. Do not induce vomiting. Rinse mouth thoroughly with water. Get medical attention if any discomfort continues. |
| Skin contact | Remove affected person from source of contamination. Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if any discomfort continues. |
| Eye contact | Remove affected person from source of contamination. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes and get medical attention. |

4.2. Most important symptoms and effects, both acute and delayed

NITOFLOR COLOR POT

| | |
|----------------------------|---|
| General information | Get medical attention promptly if symptoms occur after washing. |
| Inhalation | Gas or vapour in high concentrations may irritate the respiratory system. |
| Ingestion | May cause discomfort if swallowed. |
| Skin contact | Irritating to skin. May cause an allergic skin reaction. |
| Eye contact | Causes serious eye irritation. |

4.3. Indication of any immediate medical attention and special treatment needed

| | |
|-----------------------------|------------------------|
| Notes for the doctor | Treat symptomatically. |
|-----------------------------|------------------------|

SECTION 5: Firefighting measures

5.1. Extinguishing media

| | |
|---------------------------------------|--|
| Suitable extinguishing media | Use Alcohol-resistant foam, dry chemical, or carbon dioxide. |
| Unsuitable extinguishing media | Do not use water jet as an extinguisher, as this will spread the fire. |

5.2. Special hazards arising from the substance or mixture

| | |
|--------------------------------------|---|
| Hazardous combustion products | Toxic gases or vapours. Oxides of carbon. |
|--------------------------------------|---|

5.3. Advice for firefighters

| | |
|--|---|
| Protective actions during firefighting | Containers close to fire should be removed or cooled with water. |
| Special protective equipment for firefighters | Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. |

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

| | |
|-----------------------------|---|
| Personal precautions | Wear protective clothing as described in Section 8 of this safety data sheet. |
|-----------------------------|---|

6.2. Environmental precautions

| | |
|----------------------------------|--|
| Environmental precautions | Do not discharge into drains or watercourses or onto the ground. |
|----------------------------------|--|

6.3. Methods and material for containment and cleaning up

| | |
|--------------------------------|---|
| Methods for cleaning up | Absorb in vermiculite, dry sand or earth and place into containers. Flush contaminated area with plenty of water. Containers with collected spillage must be properly labelled with correct contents and hazard symbol. Dispose of contents/container in accordance with local regulations. |
|--------------------------------|---|

6.4. Reference to other sections

| | |
|------------------------------------|-------------------------------------|
| Reference to other sections | For waste disposal, see Section 13. |
|------------------------------------|-------------------------------------|

SECTION 7: Handling and storage

7.1. Precautions for safe handling

| | |
|--------------------------|--|
| Usage precautions | Avoid contact with skin and eyes. Avoid inhalation of vapours. |
|--------------------------|--|

7.2. Conditions for safe storage, including any incompatibilities

| | |
|----------------------------|---|
| Storage precautions | Store in tightly-closed, original container in a dry, cool and well-ventilated place. |
| Storage class | Chemical storage. |

NITOFLOR COLOR POT

7.3. Specific end use(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

Ingredient comments

WEL = Workplace Exposure Limits

EPOXY RESIN (Type A) (Number average MW <= 700) (CAS: 25068-38-6)

DNEL Workers - Inhalation; Short term systemic effects: 12.25 mg/m³
Workers - Inhalation; Long term systemic effects: 12.25 mg/m³

PNEC - Fresh water; 0.006 mg/l

OXIRANE, MONO [(C12-14- ALKYL)OXY]METHYL] DERIVS (CAS: 68609-97-2)

DNEL Workers - Inhalation; Long term systemic effects: 3.6 mg/m³
Workers - Dermal; Long term systemic effects: 1 mg/kg bw/day

PNEC - Fresh water; 0.0072 mg/l
- Marine water; 0.00072 mg/l

8.2. Exposure controls

Protective equipment



Appropriate engineering controls

Provide adequate ventilation. Avoid inhalation of vapours. Observe any occupational exposure limits for the product or ingredients.

Eye/face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Chemical splash goggles or face shield.

Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. It is recommended that gloves are made of the following material: Butyl rubber. Neoprene. Nitrile rubber.

Other skin and body protection

Wear appropriate clothing to prevent any possibility of skin contact.

Hygiene measures

Provide eyewash station. Do not smoke in work area. Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin.

Respiratory protection

Use an approved air purifying respirator with replaceable filter cartage comply with EN 140 and filter EN 141: Organic Vapour cartridge type A1

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance

Liquid.

Colour

Various colours.

Odour

Mild.

NITOFLOR COLOR POT

| | |
|---|---|
| Odour threshold | Not determined. |
| pH | Not determined. |
| Melting point | Not determined. |
| Initial boiling point and range | Not determined. |
| Flash point | Not determined. |
| Evaporation rate | Not determined. |
| Flammability (solid, gas) | Not applicable. |
| Upper/lower flammability or explosive limits | Not applicable. |
| Other flammability | Not applicable. |
| Vapour pressure | Not determined. |
| Relative density | 1.68 @ 25°C |
| Bulk density | Not applicable. |
| Solubility(ies) | Insoluble in water. |
| Partition coefficient | Not determined. |
| Auto-ignition temperature | Not determined. |
| Decomposition Temperature | Not determined. |
| Viscosity | 100-130 P @ 20°C |
| Explosive properties | Not considered to be explosive. |
| Explosive under the influence of a flame | Not considered to be explosive. |
| Oxidising properties | Does not meet the criteria for classification as oxidising. |

9.2. Other information

Other information No data available.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity Stable at normal ambient temperatures and when used as recommended.

10.2. Chemical stability

Stability Stable at normal ambient temperatures.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions Under normal conditions of storage and use, no hazardous reactions will occur.

10.4. Conditions to avoid

Conditions to avoid Avoid excessive heat for prolonged periods of time.

10.5. Incompatible materials

Materials to avoid Strong acids. Strong alkalis. Strong oxidising agents.

10.6. Hazardous decomposition products

NITOFLOR COLOR POT

Hazardous decomposition products Fire creates: Toxic fumes. Carbon monoxide (CO). Carbon dioxide (CO₂).

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Inhalation May cause respiratory irritation.

Ingestion May cause discomfort if swallowed.

Skin contact May cause an allergic skin reaction. Causes skin irritation.

Eye contact Irritating to eyes.

Toxicological information on ingredients.

EPOXY RESIN (Type A) (Number average MW ≤ 700)

Acute toxicity - oral

Acute toxicity oral (LD₅₀ mg/kg) 5,000.0

Species Rat

Notes (oral LD₅₀) Based on available data the classification criteria are not met.

ATE oral (mg/kg) 5,000.0

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀ mg/kg) 20,000.0

Species Rabbit

ATE dermal (mg/kg) 20,000.0

Skin corrosion/irritation

Animal data Rabbit Moderately irritating.

Skin sensitisation

Skin sensitisation May cause sensitisation by skin contact.

OXIRANE, MONO [(C12-14- ALKYLOXY)METHYL] DERIVS

Acute toxicity - oral

Acute toxicity oral (LD₅₀ mg/kg) 19,200.0

Species Rat

ATE oral (mg/kg) 19,200.0

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀ mg/kg) 4,500.0

Species Rat

Notes (dermal LD₅₀) LD₅₀ >2000 mg/kg, Dermal, Rabbit

NITOFLOR COLOR POT

ATE dermal (mg/kg) 4,500.0

SECTION 12: Ecological Information

12.1. Toxicity

Ecological information on ingredients.

EPOXY RESIN (Type A) (Number average MW <= 700)

Acute aquatic toxicity

Acute toxicity - fish

LC₅₀, 96 hours: 3.6 mg/l, Leuciscus idus (Golden orfe)
LC₅₀, 96 hours: 2 mg/l, Oncorhynchus mykiss (Rainbow trout)

Acute toxicity - aquatic invertebrates

EC₅₀, 48 hours: 1.8 mg/l, Daphnia magna

Acute toxicity - aquatic plants

EC₅₀, 72 hours: 11 mg/l, Scenedesmus capricornutum (fresh water algae)

OXIRANE, MONO [(C12-14- ALKYL OXY)METHYL] DERIVS

Acute aquatic toxicity

Acute toxicity - fish

LC₅₀, 96 hours: 1 - 10 mg/l, Fish
LC₅₀, 96 hours: 1800 mg/l, Oncorhynchus mykiss (Rainbow trout)

Acute toxicity - aquatic invertebrates

EC₅₀, 48 hours: 1 - 10 mg/l, Daphnia magna

Acute toxicity - aquatic plants

EC₅₀, 72 hours: 844 mg/l, Algae

12.2. Persistence and degradability

Ecological information on ingredients.

EPOXY RESIN (Type A) (Number average MW <= 700)

Persistence and degradability

The product is not readily biodegradable.

12.3. Bioaccumulative potential

Partition coefficient Not determined.

Ecological information on ingredients.

EPOXY RESIN (Type A) (Number average MW <= 700)

Partition coefficient log Pow: 3.242

12.4. Mobility in soil

Mobility The product is insoluble in water and will sediment in water systems.

Ecological information on ingredients.

EPOXY RESIN (Type A) (Number average MW <= 700)

Mobility Potential for mobility is low.

Adsorption/desorption coefficient Water - Koc: 445 @ °C

NITOFLOR COLOR POT

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment This product does not contain any substances classified as PBT or vPvB.

Ecological information on ingredients.

EPOXY RESIN (Type A) (Number average MW <= 700)

Results of PBT and vPvB assessment This product does not contain any substances classified as PBT or vPvB.

12.6. Other adverse effects

Other adverse effects None known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information Waste is classified as hazardous waste.

Disposal methods Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

SECTION 14: Transport information

14.1. UN number

UN No. (ADR/RID) 3082

UN No. (IMDG) 3082

UN No. (ICAO) 3082

UN No. (ADN) 3082

14.2. UN proper shipping name

Proper shipping name (ADR/RID) ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS EPOXY RESIN (Type A) (Number average MW <= 700))

Proper shipping name (IMDG) ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS EPOXY RESIN (Type A) (Number average MW <= 700))

Proper shipping name (ICAO) ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS EPOXY RESIN (Type A) (Number average MW <= 700))

Proper shipping name (ADN) ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS EPOXY RESIN (Type A) (Number average MW <= 700))

14.3. Transport hazard class(es)

ADR/RID class 9

ADR/RID classification code M6

ADR/RID label 9

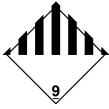
IMDG class 9

ICAO class/division 9

ADN class 9

NITOFLOR COLOR POT

Transport labels



14.4. Packing group

| | |
|-----------------------|-----|
| ADR/RID packing group | III |
| IMDG packing group | III |
| ADN packing group | III |
| ICAO packing group | III |

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant



14.6. Special precautions for user

| | |
|--|----------|
| EmS | F-A, S-F |
| ADR transport category | 3 |
| Emergency Action Code | •3Z |
| Hazard Identification Number (ADR/RID) | 90 |
| Tunnel restriction code | (E) |

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

| | |
|----------------|--|
| EU legislation | Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended). |
| Guidance | Workplace Exposure Limits EH40. |

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

| | |
|---------------------|--|
| General information | Only trained personnel should use this material. |
| Revision comments | NOTE: Lines within the margin indicate significant changes from the previous revision. |
| Revision date | 07/11/2017 |
| Revision | 4 |

NITOFLOR COLOR POT

| | |
|----------------------------------|---|
| Supersedes date | 17/05/2015 |
| SDS number | 11532 |
| Hazard statements in full | H315 Causes skin irritation. H317 May cause an allergic skin reaction. H319 Causes serious eye irritation. H411 Toxic to aquatic life with long lasting effects. |

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.