

MED50-4800-7

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Revision date: 17/02/2020

Date of issue: 18/02/2014

Version: 2.0

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

1.1. Product identifier

Product form : Mixture
Product Name : MED50-4800-7
Synonyms : Colour Masterbatch

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

1.2.1. Relevant identified uses

Industrial/Professional use spec : Industrial.
Use of the substance/mixture : For professional use only

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

NuSil Technology Europe
1198 Avenue Maurice Donat
Le Natura Bt. 2
06250 Mougins
France
+33 4 92 96 93 31
ehs@nusil.com
www.nusil.com

1.4. Emergency telephone number

Emergency number : 800-424-9300 CHEMTREC (in US); +1 703-527-3887 CHEMTREC (International and Maritime)
+(44)-870-8200418
+(353)-19014670

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification According to Regulation (EC) No. 1272/2008 [CLP]

Not classified

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

No labelling applicable

2.3. Other Hazards

Other hazards not contributing to the classification : Exposure may aggravate pre-existing eye, skin, or respiratory conditions.

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixture

Within the meaning of Regulation (EC) No 1272/2008: this mixture is not considered a hazard when used in a manner which is consistent with the labeled directions.

SECTION 4: First aid measures

4.1. Description of first aid measures

- First-aid measures general : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
- First-aid measures after inhalation : When symptoms occur: go into open air and ventilate suspected area. Obtain medical attention if breathing difficulty persists.
- First-aid measures after skin contact : Remove contaminated clothing. Drench affected area with water for at least 5 minutes. Obtain medical attention if irritation develops or persists.
- First-aid measures after eye contact : Rinse cautiously with water for at least 5 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention if irritation develops or persists.
- First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting. Obtain medical attention.

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

- Symptoms/effects : Not expected to present a significant hazard under anticipated conditions of normal use.
- Symptoms/effects after inhalation : Prolonged exposure may cause irritation.
- Symptoms/effects after skin contact : Prolonged exposure may cause skin irritation.
- Symptoms/effects after eye contact : May cause slight irritation to eyes.
- Symptoms/effects after ingestion : Ingestion may cause adverse effects.
- Chronic symptoms : None expected under normal conditions of use.

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

If exposed or concerned, get medical advice and attention. If medical advice is needed, have product container or label at hand.

SECTION 5: Firefighting measures

5.1. Extinguishing media

- Suitable extinguishing media : Water spray, fog, carbon dioxide (CO₂), alcohol-resistant foam, or dry chemical.
- Unsuitable extinguishing media : Do not use a heavy water stream. Use of heavy stream of water may spread fire.

5.2. Special hazards arising from the substance or mixture

- Fire hazard : Not considered flammable but may burn at high temperatures.
- Explosion hazard : Product is not explosive.
- Reactivity : Hazardous reactions will not occur under normal conditions.

5.3. Advice for firefighters

- Precautionary measures fire : Exercise caution when fighting any chemical fire.
- Firefighting instructions : Use water spray or fog for cooling exposed containers.
- Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

- General measures : Avoid prolonged contact with eyes, skin and clothing. Avoid breathing (vapour, mist, spray).

6.1.1. For non-emergency personnel

- Protective equipment : Use appropriate personal protective equipment (PPE).
- Emergency procedures : Evacuate unnecessary personnel.

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6.1.2. For emergency responders

- Protective equipment : Equip cleanup crew with proper protection.
- Emergency procedures : Ventilate area. Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for the assistance of trained personnel as soon as conditions permit.

6.2. Environmental precautions

Prevent entry to sewers and public waters.

6.3. Methods and material for containment and cleaning up

- For containment : Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.
- Methods for cleaning up : Clean up spills immediately and dispose of waste safely. Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill.

6.4. Reference to other sections

See Section 8 for exposure controls and personal protection and Section 13 for disposal considerations.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

- Precautions for safe handling : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Avoid prolonged contact with eyes, skin and clothing. Avoid breathing vapours, mist, spray.
- Hygiene measures : Handle in accordance with good industrial hygiene and safety procedures.

7.2. Conditions for safe storage, including any incompatibilities

- Technical measures : Comply with applicable regulations.
- Storage conditions : Keep container closed when not in use. Store in a dry, cool place. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials.
- Incompatible materials : Strong acids, strong bases, strong oxidizers.

7.3. Specific end use(s)

For professional use only

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Exposure controls

- Appropriate engineering controls : Suitable eye/body wash equipment should be available in the vicinity of any potential exposure. Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are observed.
- Personal protective equipment : Gloves. Protective clothing. Protective goggles.



- Materials for protective clothing : Chemically resistant materials and fabrics.
- Hand protection : Wear protective gloves.
- Eye protection : Chemical safety goggles.
- Skin and body protection : Wear suitable protective clothing.

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| | |
|------------------------|--|
| Respiratory protection | : If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn. In case of inadequate ventilation, oxygen deficient atmosphere, or where exposure levels are not known wear approved respiratory protection. |
| Other information | : When using, do not eat, drink or smoke. |

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|--|-----------------------|
| Physical state | : Liquid |
| Colour | : Blue |
| Odour | : Odourless |
| Odour threshold | : No data available |
| pH | : No data available |
| Relative evaporation rate (butylacetate=1) | : No data available |
| Melting point | : No data available |
| Freezing point | : No data available |
| Boiling point | : No data available |
| Flash point | : > 135 °C (> 275 °F) |
| Auto-ignition temperature | : No data available |
| Decomposition temperature | : No data available |
| Flammability (solid, gas) | : Not applicable |
| Vapour pressure | : No data available |
| Relative vapour density at 20 °C | : No data available |
| Relative Density | : > 1 (water = 1) |
| Solubility | : No data available |
| Partition coefficient: n-octanol/water | : No data available |
| Viscosity, kinematic | : No data available |
| Viscosity, dynamic | : No data available |
| Explosive properties | : No data available |
| Oxidising properties | : No data available |
| Explosive limits | : No data available |

9.2. Other information

| | |
|-------------|---------|
| VOC content | : < 1 % |
|-------------|---------|

SECTION 10: Stability and reactivity

10.1. Reactivity

Hazardous reactions will not occur under normal conditions.

10.2. Chemical stability

Stable under recommended handling and storage conditions (see section 7).

10.3. Possibility of hazardous reactions

Hazardous polymerization will not occur.

10.4. Conditions to avoid

Direct sunlight, extremely high or low temperatures, and incompatible materials.

10.5. Incompatible materials

Strong acids, strong bases, strong oxidizers.

10.6. Hazardous decomposition products

Carbon oxides (CO, CO₂). Silicon oxides. Metal oxides.

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SECTION 11: Toxicological information

11.1. Information on toxicological effects

| | |
|---|---|
| Acute toxicity | : Not classified |
| Skin corrosion/irritation | : Not classified |
| Serious eye damage/irritation | : Not classified |
| Respiratory or skin sensitisation | : Not classified |
| Germ cell mutagenicity | : Not classified |
| Carcinogenicity | : Not classified |
| Reproductive toxicity | : Not classified |
| STOT-single exposure | : Not classified |
| STOT-repeated exposure | : Not classified |
| Aspiration hazard | : Not classified |
| Potential adverse human health effects and symptoms | : Based on available data, the classification criteria are not met. |

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : Not classified.

12.2. Persistence and degradability

| | |
|-------------------------------|------------------|
| MED50-4800-7 | |
| Persistence and degradability | Not established. |

12.3. Bioaccumulative potential

| | |
|---------------------------|------------------|
| MED50-4800-7 | |
| Bioaccumulative potential | Not established. |

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

Other information : Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

| | |
|--|--|
| Product/Packaging disposal recommendations | : Dispose of contents/container in accordance with local, regional, national, and international regulations. |
| Ecology - waste materials | : Avoid release to the environment. |

SECTION 14: Transport information

The shipping description(s) stated herein were prepared in accordance with certain assumptions at the time the SDS was authored, and can vary based on a number of variables that may or may not have been known at the time the SDS was issued.

In accordance with ADR / RID / IMDG / IATA / ADN

| ADR | IMDG | IATA | ADN | RID |
|-----------------------------|------|------|-----|-----|
| 14.1. UN number | | | | |
| Not regulated for transport | | | | |

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| ADR | IMDG | IATA | ADN | RID |
|---|---|---------------------------------------|---------------------------------------|---------------------------------------|
| 14.2. UN proper shipping name | | | | |
| Not applicable | Not applicable | Not applicable | Not applicable | Not applicable |
| 14.3. Transport hazard class(es) | | | | |
| Not applicable | Not applicable | Not applicable | Not applicable | Not applicable |
| 14.4. Packing group | | | | |
| Not applicable | Not applicable | Not applicable | Not applicable | Not applicable |
| 14.5. Environmental hazards | | | | |
| Dangerous for the environment : No | Dangerous for the environment : No Marine pollutant : No | Dangerous for the environment : No | Dangerous for the environment : No | Dangerous for the environment : No |

14.6. Special precautions for user

No additional information available

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

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

VOC content : < 1 %

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Indication of changes:

| Section | Section Header | Change | Date Changed |
|---------|--|----------|--------------|
| 1 | Identification of the substance/mixture and of the company/undertaking | Modified | 17/02/2020 |
| 2 | Hazards identification | Modified | 17/02/2020 |
| 3 | Composition/information on ingredients | Modified | 17/02/2020 |

Date of Preparation or Latest Revision : 17/02/2020

Revision

Data sources : Information and data obtained and used in the authoring of this safety data sheet could come from database subscriptions, official government regulatory body websites, product/ingredient manufacturer or supplier specific information, and/or resources that include substance specific data and classifications according to GHS or their subsequent adoption of GHS.

Other information : According to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

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Abbreviations and Acronyms

| | |
|---|--|
| ACGIH – American Conference of Governmental Industrial Hygienists | MARPOL - International Convention for the Prevention of Pollution |
| ADN – European Agreement Concerning the International Carriage of Dangerous Goods by Inland Waterways | NDS - Najwyższe Dopuszczalne Stezenie |
| ADR - European Agreement Concerning the International Carriage of Dangerous Goods by Road | NDSCh - Najwyższe Dopuszczalne Stezenie Chwilowe |
| ATE - Acute Toxicity Estimate | NDSP - Najwyższe Dopuszczalne Stezenie Pulapowe |
| BCF - Bioconcentration Factor | NOAEL - No-Observed Adverse Effect Level |
| BEI - Biological Exposure Indices (BEI) | NOEC - No-Observed Effect Concentration |
| BOD – Biochemical Oxygen Demand | NRD - Nevirsytinas Ribinis Dydis |
| CAS No. - Chemical Abstracts Service Number | NTP – National Toxicology Program |
| CLP – Classification, Labeling and Packaging Regulation (EC) No 1272/2008 | OEL - Occupational Exposure Limits |
| COD – Chemical Oxygen Demand | PBT - Persistent, Bioaccumulative and Toxic |
| EC – European Community | PEL - Permissible Exposure Limit |
| EC50 - Median Effective Concentration | pH – Potential Hydrogen |
| EEC – European Economic Community | REACH – Registration, Evaluation, Authorisation, and Restriction of Chemicals |
| EINECS – European Inventory of Existing Commercial Chemical Substances | RID – Regulations Concerning the International Carriage of Dangerous Goods by Rail |
| EmS-No. (Fire) - IMDG Emergency Schedule Fire | SADT - Self Accelerating Decomposition Temperature |
| EmS-No. (Spillage) - IMDG Emergency Schedule Spillage | SDS - Safety Data Sheet |
| EU – European Union | STEL - Short Term Exposure Limit |
| ErC50 - EC50 in Terms of Reduction Growth Rate | TA-Luft - Technische Anleitung zur Reinhaltung der Luft |
| GHS – Globally Harmonized System of Classification and Labeling of Chemicals | TEL TRK – Technical Guidance Concentrations |
| IARC - International Agency for Research on Cancer | ThOD – Theoretical Oxygen Demand |
| IATA - International Air Transport Association | TLM - Median Tolerance Limit |
| IBC Code - International Bulk Chemical Code | TLV - Threshold Limit Value |
| IMDG - International Maritime Dangerous Goods | TPRD - Trumpalaikio Poveikio Ribinis Dydis |
| IPRV - Ilgalaikio Poveikio Ribinis Dydis | TRGS 510 - Technische Regel für Gefahrstoffe 510 - Lagerung von Gefahrstoffen in ortsbeweglichen Behältern |
| IOELV – Indicative Occupational Exposure Limit Value | TRGS 552 – Technische Regeln für Gefahrstoffe - N-Nitrosamine |
| LC50 - Median Lethal Concentration | TRGS 900 - Technische Regel für Gefahrstoffe 900 – Arbeitsplatzgrenzwerte |
| LD50 - Median Lethal Dose | TRGS 903 - Technische Regel für Gefahrstoffe 903 - Biologische Grenzwerte |
| LOAEL - Lowest Observed Adverse Effect Level | TSCA - Toxic Substances Control Act |
| LOEC - Lowest-Observed-Effect Concentration | TWA - Time Weighted Average |
| Log Koc - Soil Organic Carbon-water Partitioning Coefficient | VOC – Volatile Organic Compounds |
| Log Kow - Octanol/water Partition Coefficient | VLA-EC - Valor Limite Ambiental Exposición de Corta Duración |
| Log Pow - Ratio of the equilibrium concentration (C) of a dissolved substance in a two-phase system consisting of two largely immiscible solvents, in this case octanol and water | VLA-ED - Valor Limite Ambiental Exposición Diaria |
| MAK – Maximum Workplace Concentration/Maximum Permissible Concentration | VLE – Valeur Limite D'exposition |
| | VME – Valeur Limite De Moyenne Exposition |
| | vPvB - Very Persistent and Very Bioaccumulative |
| | WEL – Workplace Exposure Limit |
| | WGK - Wassergefährdungsklasse |

Nusil EU GHS SDS

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