

# Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830
Revision date: 29/09/2020
Date of issue: 18/12/2014

Version: 3.0

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

# 1.1. Product identifier

Product form Mixture
Product Name MED51-4800-7
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: 800-424-9300 CHEMTREC (in US); +1 703-527-3887 CHEMTREC (International and

number 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 Exposure may aggravate pre-existing eye, skin, or respiratory

the classification 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.

29/09/2020 EN (English) 1/7

# **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

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

First-aid measures after ingestion

Symptoms/effects after skin

contact

Prolonged exposure may cause irritation. Prolonged exposure may cause skin irritation.

attention if irritation develops or persists.

Symptoms/effects after eye

contact

Ingestion may cause adverse effects.

May cause slight irritation to eyes.

Symptoms/effects after ingestion

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 (CO<sub>2</sub>), 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

Emergency procedures Evacuate unnecessary personnel.

29/09/2020 EN (English) 2/3

Version uploaded 07/08/2022

# 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. Strong acids, strong bases, strong oxidizers.

Incompatible materials **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

Hand protection
Eye protection

Skin and body protection

Chemically resistant materials and fabrics.

Wear protective gloves. Chemical safety goggles.

Wear suitable protective clothing.

29/09/2020 EN (English) 3/7

Safety Data Sheet

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

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 : No data available На Relative evaporation rate (butylacetate=1) : No data available Melting point : No data available Freezing point : No data available Boiling point : No data available : > 135 °C (> 275 °F) Flash point 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 : > 1 (water = 1)Relative Density Solubility : No data available Partition coefficient: n-octanol/water : No data available Viscosity, kinematic : No data available Viscosity, dynamic : No data available : No data available **Explosive properties** 

9.2. Other information

Oxidising properties

**Explosive limits** 

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, CO<sub>2</sub>). Silicon oxides. Metal oxides.

29/09/2020 EN (English) 4/7

: No data available

: No data available

# **SECTION 11: Toxicological information**

11.1. Information on toxicological effects

Acute toxicity

Skin corrosion/irritation

Serious eye damage/irritation

Respiratory or skin sensitisation

Germ cell mutagenicity

Carcinogenicity

Reproductive toxicity

Not classified

Not classified

Not classified

Not classified

Not classified

STOT-single exposure : Not classified STOT-repeated exposure : Not classified

Aspiration hazard Not classified

Potential adverse human health Based on available data, the classification criteria are not met.

effects and symptoms

# **SECTION 12: Ecological information**

# 12.1. Toxicity

Ecology - general Not classified.

12.2. Persistence and degradability

MED51-4800-7		•
	Persistence and degradability	Not established.

# 12.3. Bioaccumulative potential

MED51-4800-7	
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				

29/09/2020 EN (English) 5/7

Safety Data Sheet

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

ADR	IMDG	IATA	ADN	RID	
14.2. UN proper s	14.2. UN proper shipping name				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	
14.3. Transport ha	14.3. Transport hazard class(es)				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	
14.4. Packing gro	14.4. Packing group				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	
14.5. Environmen	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

#### **EU-Regulations** 15.1.1.

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 Section Header		Date Changed
Ī	1	Identification of the substance/mixture and of the	Modified	29/09/2020
		company/undertaking		

29/09/2020 Date of Preparation or Latest

Revision

Information and data obtained and used in the authoring of this Data sources

safety data sheet could come from database subscriptions, official

government regulatory body websites, product/ingredient

NDS - Naiwyzsze Dopuszczalne Stezenie

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

# Abbreviations and Acronyms

ACGIH - American Conference of Governmental Industrial Hygienists ADN - European Agreement Concerning the International Carriage of Dangerous Goods by Inland Waterways

MARPOL - International Convention for the Prevention of Pollution

NDSCh - Najwyzsze Dopuszczalne Stezenie Chwilowe ADR - European Agreement Concerning the International Carriage of NDSP - Najwyzsze Dopuszczalne Stezenie Pulapowe

#### Safety Data Sheet

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

Dangerous Goods by Road ATE - Acute Toxicity Estimate BCE - Bioconcentration Factor BEI - Biological Exposure Indices (BEI)

BOD - Biochemical Oxygen Demand

CAS No. - Chemical Abstracts Service Number

CLP - Classification, Labeling and Packaging Regulation (EC) No 1272/2008

COD - Chemical Oxygen Demand

EC - European Community

EC50 - Median Effective Concentration EEC - European Economic Community

EINECS - European Inventory of Existing Commercial Chemical

Substances

EmS-No. (Fire) - IMDG Emergency Schedule Fire

EmS-No. (Spillage) - IMDG Emergency Schedule Spillage

EU - European Union

ErC50 - EC50 in Terms of Reduction Growth Rate

GHS - Globally Harmonized System of Classification and Labeling of Chemicals

IARC - International Agency for Research on Cancer IATA - International Air Transport Association

IBC Code - International Bulk Chemical Code IMDG - International Maritime Dangerous Goods

IPRV - Ilgalaikio Poveikio Ribinis Dydis

IOELV – Indicative Occupational Exposure Limit Value

LC50 - Median Lethal Concentration

LD50 - Median Lethal Dose

LOAEL - Lowest Observed Adverse Effect Level LOEC - Lowest-Observed-Effect Concentration

Log Koc - Soil Organic Carbon-water Partitioning Coefficient

Log Kow - Octanol/water Partition Coefficient

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

MAK - Maximum Workplace Concentration/Maximum Permissible

Concentration

NOAEL - No-Observed Adverse Effect Level

NOEC - No-Observed Effect Concentration

NRD - Nevirsytinas Ribinis Dydis

NTP - National Toxicology Program OEL - Occupational Exposure Limits

PBT - Persistent, Bioaccumulative and Toxic

PEL - Permissible Exposure Limit

pH - Potential Hydrogen

REACH - Registration, Evaluation, Authorisation, and Restriction of

Chemicals

RID - Regulations Concerning the International Carriage of Dangerous

Goods by Rail

SADT - Self Accelerating Decomposition Temperature

SDS - Safety Data Sheet

STEL - Short Term Exposure Limit

TA-Luft - Technische Anleitung zur Reinhaltung der Luft

TEL TRK – Technical Guidance Concentrations

ThOD - Theoretical Oxygen Demand

TLM - Median Tolerance Limit TLV - Threshold Limit Value

TPRD - Trumpalaikio Poveikio Ribinis Dydis

TRGS 510 - Technische Regel für Gefahrstoffe 510 - Lagerung von

Gefahrstoffen in ortsbeweglichen Behältern

TRGS 552 – Technische Regeln für Gefahrstoffe - N-Nitrosamine

TRGS 900 - Technische Regel für Gefahrstoffe 900 -

Arbeitsplatzgrenzwerte

TRGS 903 - Technische Regel für Gefahrstoffe 903 - Biologische

Grenzwerte

TSCA - Toxic Substances Control Act TWA - Time Weighted Average VOC - Volatile Organic Compounds

VLA-EC - Valor Límite Ambiental Exposición de Corta Duración

VLA-ED - Valor Límite Ambiental Exposición Diaria

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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7/7 29/09/2020 EN (English)



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