

Safety Data Sheet

according to Regulation (EC) No 1907/2006

düfa CN Raumcolor Base D

Revision date: 15.11.2017

Product code: 10071020360002

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SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**

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

dispersion paint

Uses advised against

None, use in accordance with instructions.

1.3. Details of the supplier of the safety data sheet

Company name:	Meffert AG Farbwerke	
Street:	Sandweg 15	
Place:	DE-55543 Bad Kreuznach	
Telephone:	+49 671 870-303	Telefax: +49 671 870-397
e-mail (Contact person):	SDB@meffert.com	

1.4. Emergency telephone number: 00 800 63333782 Mo-Fr 7.30 - 20.00 Uhr, Sa 9.00 - 20.00 Uhr**SECTION 2: Hazards identification****2.2. Label elements**

Regulation (EC) No. 1272/2008

Precautionary statements

P102 Keep out of reach of children.

Special labelling of certain mixturesEUH208 Contains 2-Methyl-2H-isothiazol-3-on. May produce an allergic reaction.
EUH210 Safety data sheet available on request.**SECTION 3: Composition/information on ingredients****3.2. Mixtures****SECTION 4: First aid measures****4.1. Description of first aid measures****General information**

Remove contaminated, saturated clothing immediately. When in doubt or if symptoms are observed, get medical advice. In case of allergic symptoms, especially in the breathing area, seek medical advice immediately.

After inhalation

Provide fresh air.

After contact with skin

Wash immediately with: Water and soap. Do not wash with: Solvents/Thinner

After contact with eyes

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical advice immediately.

After ingestion

Do NOT induce vomiting. Rinse mouth immediately and drink plenty of water. Call a physician immediately.

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

No known symptoms to date.

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

Treat symptomatically.

SECTION 5: Firefighting measures**5.1. Extinguishing media****Suitable extinguishing media**

The product itself does not burn. Co-ordinate fire-fighting measures to the fire surroundings.

Unsuitable extinguishing media

Full water jet

5.2. Special hazards arising from the substance or mixtureIn case of fire may be liberated: Carbon dioxide (CO₂). Carbon monoxide**5.3. Advice for firefighters**

Use water spray jet to protect personnel and to cool endangered containers.

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

Additional information

In case of fire: Wear self-contained breathing apparatus.

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

Provide adequate ventilation.

6.2. Environmental precautions

Do not allow to enter into surface water or drains. If the product contaminates lakes, rivers or sewages, inform appropriate authorities in accordance with local regulations.

6.3. Methods and material for containment and cleaning up

Take up mechanically, placing in appropriate containers for disposal.

Methods and material for containment and cleaning up: Sand Sawdust Universal binder

6.4. Reference to other sections

Safe handling: see section 7 Personal protection equipment: see section 8

Treat the recovered material as prescribed in the section on waste disposal.

SECTION 7: Handling and storage**7.1. Precautions for safe handling****Advice on safe handling**

Avoid contact with skin, eyes and clothes. Avoid breathing dust/fume/gas/mist/vapours/spray. When using do not eat, drink or smoke. Personal protection equipment: see section 8

7.2. Conditions for safe storage, including any incompatibilities**Requirements for storage rooms and vessels**

Always close containers tightly after the removal of product.

Advice on storage compatibility

Do not store together with: Acid alkali

Further information on storage conditions

Keep/Store only in original container. Protect against direct sunlight. Avoid cooling down below 10°C.

7.3. Specific end use(s)

Water-based paints, solvent-free

SECTION 8: Exposure controls/personal protection

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8.1. Control parameters
Exposure limits (EH40)

CAS No	Substance	ppm	mg/m ³	fibres/ml	Category	Origin
1317-65-3	Calcium carbonate, respirable	-	4		TWA (8 h)	WEL
		-	-		STEL (15 min)	WEL
13463-67-7	Titanium dioxide, respirable	-	4		TWA (8 h)	WEL
		-	-		STEL (15 min)	WEL

DNEL/DMEL values

CAS No	Substance	Exposure route	Effect	Value
13463-67-7	Titandioxid			
Worker DNEL, long-term		inhalation	local	10
Consumer DNEL, long-term		oral	systemic	700

PNEC values

CAS No	Substance	Value
Environmental compartment		
13463-67-7	Titandioxid	
Freshwater		0,127 mg/l
Freshwater (intermittent releases)		0,61 mg/l
Marine water		1 mg/l
Freshwater sediment		1000 mg/kg
Marine sediment		100 mg/kg
Micro-organisms in sewage treatment plants (STP)		100 mg/l
Soil		100 mg/kg

8.2. Exposure controls
Appropriate engineering controls

Provide adequate ventilation.

Protective and hygiene measures

Provide fresh air.

Eye/face protection

Wear eye/face protection.

Wear protective glasses during application with a spray gun.

Hand protection

The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. Replace when worn.

For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves. See information supplied by the manufacturer.

Suitable material: NBR (Nitrile rubber). Wear cotton undermitten if possible.

Breakthrough time (maximum wearing time): >480 min.

Thickness of the glove material: >0,5 mm

Skin protection

Body protection: not required.

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Respiratory protection

In case of spray processing: Filtering device (full mask or mouthpiece) with filter: A2/P2

Environmental exposure controls

Do not allow to enter into surface water or drains.

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

Physical state:	Liquid
Colour:	see color on the packaging label
Odour:	sweetish
pH-Value:	8,0 - 9,0

Changes in the physical state

Melting point:	not determined
Initial boiling point and boiling range:	120 °C
Sublimation point:	not applicable
Softening point:	not applicable
Pour point:	not applicable
Flash point:	na
Sustaining combustion:	No data available

Flammability

Solid:	not applicable
Gas:	not applicable
Lower explosion limits:	not applicable
Upper explosion limits:	not applicable
Ignition temperature:	not applicable

Auto-ignition temperature

Solid:	not applicable
Gas:	not applicable
Decomposition temperature:	not applicable
Vapour pressure:	not applicable
Density:	1,35 g/cm ³
Water solubility:	not determined
Viscosity / kinematic:	na
Flow time:	na
Solvent separation test:	not applicable

9.2. Other information**SECTION 10: Stability and reactivity****10.1. Reactivity**

This material is considered to be non-reactive under normal use conditions.

10.2. Chemical stability

The mixture is chemically stable under recommended conditions of storage, use and temperature.

10.3. Possibility of hazardous reactions

Exothermic reaction with: Oxidising agent, Strong acid, Strong alkali

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10.4. Conditions to avoid

Do not dry up the product. Avoid heat and frost.

10.5. Incompatible materials

Materials that react with water. Alkali (lye) Acid Oxidising agent.

10.6. Hazardous decomposition productsIn case of fire may be liberated: Carbon dioxide (CO₂). Carbon monoxide Nitrogen oxides (NO_x)**SECTION 11: Toxicological information****11.1. Information on toxicological effects****SECTION 12: Ecological information****Further information**There are no data available on the mixture itself.
Do not allow to enter into surface water or drains.**SECTION 13: Disposal considerations****13.1. Waste treatment methods****Advice on disposal**Do not allow to enter into surface water or drains.
Dispose according to legislation.
Dried out material residue can be disposed of with household waste. For liquid material residue, contact your local waste collection provider.**Waste disposal number of waste from residues/unused products**

080112 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS; wastes from MFSU and removal of paint and varnish; waste paint and varnish other than those mentioned in 08 01 11

Waste disposal number of contaminated packaging

150102 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); plastic packaging

Contaminated packaging

Contaminated packages must be completely emptied and can be re-used following proper cleaning. Packing which cannot be properly cleaned must be disposed of. Completely emptied packages can be recycled.

SECTION 14: Transport information**Land transport (ADR/RID)**

14.1. UN number:	No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name:	No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es):	No dangerous good in sense of this transport regulation.
14.4. Packing group:	No dangerous good in sense of this transport regulation.

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: no

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

not applicable

SECTION 15: Regulatory information

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

2010/75/EU (VOC): 4,812 % (64,965 g/l)

2004/42/EC (VOC): 4,03 % (54,41 g/l)

National regulatory information

Water contaminating class (D): 1 - slightly water contaminating

SECTION 16: Other information**Abbreviations and acronyms**

EWG - Europäische Wirtschaftsgemeinschaft; EG - Europäische Gemeinschaft; CLP- Regulation on Classification, Labelling and Packaging of Substances and Mixtures; TRGS - Technische Regeln für Gefahrstoffe; PBT - persistenter bioakkumulierbarer und toxischer Stoff; vPvB - very persistent very bioaccumulative; REACH - Registration, Evaluation, Authorisation and Restriction of Chemicals; VOC - Flüchtige organische Verbindung WGK - Wassergefährdungsklasse WGK - Wassergefährdungsklasse VwVwS - Verwaltungsvorschrift wassergefährdende Stoffe

Relevant H and EUH statements (number and full text)

EUH208 Contains 2-Methyl-2H-isothiazol-3-on. May produce an allergic reaction.

EUH210 Safety data sheet available on request.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)