

Safety Data Sheet
according to Regulation (EC) No. 1907/2006 (REACH)

Meffert AG
Farbwerke

Trade name : düfa CN PU-Heizkörperlack
Revision date : 16.12.2015
Print date : 20.09.2017

Version : 1.0.0

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

1.1 Product identifier

düfa CN PU-Heizkörperlack

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

Relevant identified uses

water-dilutabel acrylic wood varnish

Uses advised against

None known.

1.3 Details of the supplier of the safety data sheet

Supplier (manufacturer/importer/only representative/downstream user/distributor)

Meffert AG

Street : Sandweg 15

Postal code/city : D-55543 Bad Kreuznach

Telephone : +49 671 870-303

Telefax : +49 671 870-397

Information contact : eMail: 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

2.1 Classification of the substance or mixture

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

None

2.2 Label elements

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

Precautionary statements

P102 Keep out of reach of children.

Special rules for supplemental label elements for certain mixtures

EUH208 Contains 2-METHYL-2H-ISOTHIAZOL-3-ONE. May produce an allergic reaction.

EUH210 Safety data sheet available on request.

2.3 Other hazards

None

SECTION 3: Composition / information on ingredients

3.2 Mixtures

Hazardous ingredients

None

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

Trade name : düfa CN PU-Heizkörperlack
Revision date : 16.12.2015
Print date : 20.09.2017

Version : 1.0.0

advice. In case of allergic reactions, especially regarding breathing problems, consult a physician immediately.

Following inhalation

Provide fresh air.

In case of skin contact

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

After eye contact

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately. Call a physician immediately.

After ingestion

Do NOT induce vomiting. Call a physician immediately. Wash your mouth thoroughly and drink plenty of water afterwards.

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 mixture

In case of fire may be liberated: Gases/vapours, toxic

5.3 Advice for firefighters

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. See protective measures under point 7 and 8.

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.

For containment

Sand Sawdust Universal binder

6.4 Reference to other sections

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

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Protective measures

Measures to prevent fire

No special fire protection measures are necessary.

Trade name : düfa CN PU-Heizkörperlack
Revision date : 16.12.2015
Print date : 20.09.2017

Version : 1.0.0

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Always close containers tightly after the removal of product.

Hints on joint storage

Storage class : 12

Storage class (TRGS 510) : 12

Do not store together with

Acid alkali

Further information on storage conditions

Keep/Store only in original container. Protect against direct sunlight. Avoid heat and frost.

7.3 Specific end use(s)

water-dilutabel acrylic wood varnish

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

None

8.2 Exposure controls

Personal protection equipment

Eye/face protection

Wear protective glasses during application with a spray gun.

Skin protection

Hand protection

Use protective gloves.

Suitable material : NBR (Nitrile rubber) If necessary, use under-gloves made of cotton.

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

Thickness of the glove material : >0,5 mm

Respiratory protection

Not necessarily required, but avoid inhaling spray mist. Gas mask in case of spray processing. particle filter P2 (white)

8.3 Additional information

No special technical protective measures are necessary.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance

Physical state : liquid

Colour : Depending on color.

Odour

characteristic

Safety relevant basis data

Melting point/melting range : No data available

Initial boiling point and boiling range : (1013 hPa) ca. 120 °C

Decomposition temperature : No data available

Flash point : not applicable

Lower explosion limit : No data available

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

Meffert AG
Farbwerke

Trade name : düfa CN PU-Heizkörperlack
Revision date : 16.12.2015
Print date : 20.09.2017

Version : 1.0.0

Upper explosion limit :		No data available	
Vapour pressure :	(50 °C)	not applicable	
Density :	(20 °C)	1,03	g/cm ³
Solvent separation test :	(20 °C)	not applicable	
Water solubility :	(20 °C)	No data available	
pH :		8,5	
log P O/W :		No data available	
Flow time :	(20 °C)	not applicable	DIN-cup 4 mm
Cinematic viscosity :	(40 °C)	not relevant	
Relative vapour density :	(20 °C)	No data available	
Vapourisation rate :		No data available	
Maximum VOC content (EC) :		4,8	Wt %
Maximum VOC content (Switzerland) :		4,7	Wt %
VOC value (Wood coating) :		49,7	g/l DIN EN ISO 11890-1/2
Flammable gases :	No data available.		

9.2 Other information

None

SECTION 10: Stability and reactivity

10.1 Reactivity

No information available.

10.2 Chemical stability

No information available.

10.3 Possibility of hazardous reactions

No information available.

10.4 Conditions to avoid

Avoid heat and frost.

10.5 Incompatible materials

No information available.

10.6 Hazardous decomposition products

No information available.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

This product is unlikely to harm health, given normal and proper handling and hygienic precautions.

SECTION 12: Ecological information

12.1 Toxicity

No information available.

12.2 Persistence and degradability

No information available.

12.3 Bioaccumulative potential

No information available.

12.4 Mobility in soil

No information available.

12.5 Results of PBT and vPvB assessment

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

Meffert AG
Farbwerke

Trade name : düfa CN PU-Heizkörperlack
Revision date : 16.12.2015
Print date : 20.09.2017

Version : 1.0.0

This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.

12.6 Other adverse effects

No information available.

12.7 Additional ecotoxicological information

None

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product/Packaging disposal

Waste codes/waste designations according to EWC/AVV

Waste code product

080112

Waste name

Waste paint and varnish other than those mentioned in 080111.

Waste code packaging

150104

Waste name

Metallic packaging.

Waste treatment options

Appropriate disposal / Product

Containers with liquid residue should be taken to a collection point for special waste. Dried waste material can be disposed of as household rubbish.

Appropriate disposal / Package

Contaminated packages must be completely emptied and can be re-used following proper cleaning. Completely emptied packages can be recycled.

SECTION 14: Transport information

14.1 UN number

No dangerous goods in sense of this transport regulation.

14.2 UN proper shipping name

No dangerous goods in sense of this transport regulation.

14.3 Transport hazard class(es)

No dangerous goods in sense of this transport regulation.

14.4 Packing group

No dangerous goods in sense of this transport regulation.

14.5 Environmental hazards

No dangerous goods in sense of this transport regulation.

14.6 Special precautions for user

None

SECTION 15: Regulatory information

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

National regulations

Technische Anleitung Luft (TA-Luft)

Weight fraction (Number 5.2.5. I) : < 5 %

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

Meffert AG
Farbwerke

Trade name : düfa CN PU-Heizkörperlack
Revision date : 16.12.2015
Print date : 20.09.2017

Version : 1.0.0

Water hazard class (WGK)

Class : 1 (Slightly hazardous to water) Classification according to VwVwS

15.2 Chemical Safety Assessment

We have no chemical safety assessment for the critical components of this formulation.

SECTION 16: Other information

16.1 Indication of changes

02. Special rules for supplemental label elements for certain mixtures

16.2 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; UN - United Nations VOC - Flüchtige organische Verbindung WGK - Wassergefährdungsklasse VwVwS - Verwaltungsvorschrift wassergefährdende Stoffe

16.3 Key literature references and sources for data

Sources: <http://www.gisbau.de> <http://www.baua.de>

16.4 Classification for mixtures and used evaluation method according to regulation (EC) 1272/2008 [CLP]

No information available.

16.5 Relevant H- and EUH-phrases (Number and full text)

None

16.6 Training advice

None

16.7 Additional information

None

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.