

UNIADD ANTIFOAM MIXTURE

Version 1.1

Revision Date 14.03.2014

Print Date 28.11.2014

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

1.1 Product identifier

Trade name : UNIADD ANTIFOAM MIXTURE

Material : 19-470140-5.2370

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

Use of the Substance/Mixture : Printing inks, varnishes and printing ink related material for professional users.

1.3 Details of the supplier of the safety data sheet

Company : Siegwerk Druckfarben AG & Co. KGaA
Alfred-Keller-Straße 55
53721 Siegburg

Telephone : +4922413040
Telefax : +492241304230
E-mail address : Global HSE + Sustainability, Tel.: +49 (0)2241/304-401, Fax:
Responsible/issuing person : +49 (0)2241/304-508, msds_info@siegwerk.com

1.4 Emergency telephone number

+44 (0)1235/239670

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

Classification (67/548/EEC, 1999/45/EC)

Not a hazardous substance or mixture according to EC-directives 67/548/EEC or 1999/45/EC.

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

Labelling according to EC Directives: 1999/45/EC

The product does not need to be labelled in accordance with EC directives or respective national laws.

2.3 Other hazards

This mixture contains no substance considered to be persistent, bioaccumulating nor toxic (PBT).
This mixture contains no substance considered to be very persistent nor very bioaccumulating (vPvB).

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SECTION 3: Composition/information on ingredients

3.2 Mixtures

- Chemical nature : Preparation of resins, organic and inorganic pigments (not valid for unpigmented systems like extenders or dispersion lacquers) and additives in water as main solvent.
- Remarks : No dangerous ingredients according to Regulation (EC) No. 1907/2006

SECTION 4: First aid measures

4.1 Description of first aid measures

- General advice : Victim to lie down in the recovery position, cover and keep him warm.
Never give anything by mouth to an unconscious person.
When symptoms persist or in all cases of doubt seek medical advice.
Show this safety data sheet to the doctor in attendance.
- If inhaled : Move to fresh air.
Keep patient warm and at rest.
If breathing is irregular or stopped, administer artificial respiration.
- In case of skin contact : Take off all contaminated clothing immediately.
Wash skin thoroughly with soap and water or use recognized skin cleanser.
Do NOT use solvents or thinners.
- In case of eye contact : Remove contact lenses.
Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart.
Seek medical advice.
- If swallowed : If accidentally swallowed obtain immediate medical attention.
Keep at rest.
Rinse mouth with water.
Do NOT induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed

- Symptoms : No information available.
- Risks : No information available.

4.3 Indication of any immediate medical attention and special treatment needed

- Treatment : No information available.

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SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media : Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Unsuitable extinguishing media : High volume water jet

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products : No hazardous combustion products are known

5.3 Advice for firefighters

Special protective equipment for firefighters : Use personal protective equipment.

Further information : Use water spray to cool unopened containers. Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions : Remove all sources of ignition.
Ventilate the area.
Refer to protective measures listed in sections 7 and 8.

6.2 Environmental precautions

Environmental precautions : Do not let product enter drains.
If the product contaminates rivers and lakes or drains inform respective authorities.

6.3 Methods and materials for containment and cleaning up

Methods for cleaning up : Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).
Clean with detergents. Avoid solvents.

6.4 Reference to other sections

For personal protection see section 8.

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SECTION 7: Handling and storage

7.1 Precautions for safe handling

- Advice on safe handling : Avoid exceeding of the given occupational exposure limits (see section 8). For personal protection see section 8. Smoking, eating and drinking should be prohibited in the application area. Avoid contact with skin, eyes and clothing. Avoid inhalation of vapour or mist.
- Advice on protection against fire and explosion : Take measures to prevent the build up of electrostatic charge. Prevent the creation of flammable or explosive concentrations of vapour in air and avoid vapour concentration higher than the occupational exposure limits. Keep product and empty container away from heat and sources of ignition. No smoking.
- Hygiene measures : Store personal protection equipment in a clean location away from the work area. Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes and clothing. Wash hands before breaks and at the end of workday. Keep away from food and drink.
- Fire-fighting class : Fires involving liquids or liquid containing substances. Also includes substances which become liquid at elevated temperatures.

7.2 Conditions for safe storage, including any incompatibilities

- Requirements for storage areas and containers : Containers which are opened must be carefully resealed and kept upright to prevent leakage. Keep containers tightly closed in a dry, cool and well-ventilated place. Observe label precautions. No smoking. Prevent unauthorized access.
- Further information on storage conditions : Storage must be in accordance with the BetrSichV (Germany).
- Advice on common storage : Keep away from oxidising agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.

7.3 Specific end use(s)

- Specific use(s) : Consult the technical guidelines for the use of this substance/mixture.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

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Contains no substances with occupational exposure limit values.

8.2 Exposure controls

Engineering measures

Handle only in a place equipped with local exhaust (or other appropriate exhaust).
Maintain air concentrations below occupational exposure standards.

Personal protective equipment

- Eye protection : Chemical resistant goggles must be worn.
- Hand protection
- Material : Protective gloves complying with EN 374.
- Remarks : Wear suitable gloves. As the product is a mixture of several substances, the durability of the glove materials cannot be calculated in advance and has to be tested before use. Skin should be washed after contact. Barrier creams may help to protect the exposed areas of skin, they should however not be applied once exposure has occurred.
- Skin and body protection : Working clothes must not consist of textiles, which show a dangerous melting behaviour in case of fire. Skin should be washed after contact.
- Respiratory protection : When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.
- Protective measures : Wear suitable protective equipment.

Environmental exposure controls

- General advice : Do not let product enter drains.
If the product contaminates rivers and lakes or drains inform respective authorities.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

- Appearance : liquid
- Colour : colourless
- Odour : characteristic

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pH	: not determined
Melting point/range	: not applicable
Boiling point	: > 38 °C
Flash point	: 100 °C
Auto-flammability	: no data available
Upper explosion limit	: not determined
Lower explosion limit	: not determined
Vapour pressure	: < 1.100 hPa (50 °C)
Relative vapour density	: not determined
Partition coefficient: n-octanol/water	: no data available
Thermal decomposition	: The substance or mixture is not classified self-reactive.
Viscosity	
Viscosity, kinematic	: > 21 mm ² /s (40 °C)
Explosive properties	: Not explosive
Oxidizing properties	: The substance or mixture is not classified as oxidizing.

9.2 Other information

no data available

SECTION 10: Stability and reactivity

10.1 Reactivity

Stable under recommended storage conditions.

10.2 Chemical stability

No decomposition if stored and applied as directed.

10.3 Possibility of hazardous reactions

Hazardous reactions : None known.

10.4 Conditions to avoid

Conditions to avoid : Protect from frost, heat and sunlight.

10.5 Incompatible materials

Materials to avoid : Keep away from oxidising agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.

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10.6 Hazardous decomposition products

- Hazardous decomposition products : Stable under recommended storage conditions.
Other information : Stable under recommended storage conditions.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

There are no data available on the mixture itself. The mixture has been assessed following the conventional method of the Dangerous Preparations Directive 1999/45/EC and classified for toxicological hazards accordingly. See Sections 2 and 3 for details.

Acute toxicity

Product

- Acute oral toxicity : This information is not available.
Acute inhalation toxicity : This information is not available.
Acute dermal toxicity : This information is not available.

Skin corrosion/irritation

Product

This information is not available.

Serious eye damage/eye irritation

Product

This information is not available.

Respiratory or skin sensitisation

Product

This information is not available.

Germ cell mutagenicity

Product

- Germ cell mutagenicity-Assessment : Contains no ingredient listed as a mutagen

Carcinogenicity

Product

- Carcinogenicity - Assessment : Contains no ingredient listed as a carcinogen

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Reproductive toxicity

Product

Reproductive toxicity - Assessment : Contains no ingredient listed as toxic to reproduction

Reproductive Toxicity/Development/Teratogenicity

no data available

STOT - single exposure

no data available

STOT - repeated exposure

no data available

Aspiration toxicity

no data available

Further information

Product

Health injuries are not known or expected under normal use.

SECTION 12: Ecological information

There are no data available on the mixture itself. The mixture has been assessed following the conventional method of the Dangerous Preparations Directive 1999/45/EC and classified for ecotoxicological hazards accordingly.

12.1 Toxicity

Product:

Toxicity to fish : no data available

Toxicity to daphnia and other aquatic invertebrates : no data available

Toxicity to algae : no data available

Toxicity to bacteria : no data available

12.2 Persistence and degradability

Product:

Biodegradability : no data available

12.3 Bioaccumulative potential

Product:

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Bioaccumulation : Does not bioaccumulate.

Partition coefficient: n-octanol/water : no data available

12.4 Mobility in soil

Product:

Mobility : Use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in ground-water contamination.

12.5 Results of PBT and vPvB assessment

Product:

Assessment : This mixture contains no substance considered to be persistent, bioaccumulating nor toxic (PBT)., This mixture contains no substance considered to be very persistent nor very bioaccumulating (vPvB).

12.6 Other adverse effects

Product:

Environmental fate and pathways : The product itself has not been tested.

Additional ecological information : We have no quantitative data concerning the ecological effects of this product.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product : Dispose of as special waste in compliance with local and national regulations.

Contaminated packaging : Dispose of as unused product.

SECTION 14: Transport information

14.1 UN number

ADN

Not dangerous goods

ADR

Not dangerous goods

RID

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

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14.2 Proper shipping name

ADN

Not dangerous goods

ADR

Not dangerous goods

RID

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

14.3 Transport hazard class

ADN

Not dangerous goods

ADR

Not dangerous goods

RID

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

14.4 Packing group

ADN

Not dangerous goods

ADR

Not dangerous goods

RID

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

14.5 Environmental hazards

ADN

Not dangerous goods

ADR

Not dangerous goods

RID

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

14.6 Special precautions for user

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For personal protection see section 8.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

no data available

SECTION 15: Regulatory information

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

Prohibition/Restriction

- | | |
|--|---|
| International Chemical Weapons Convention (CWC) Schedules of Toxic Chemicals and Precursors | : Neither banned nor restricted |
| REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, preparations and articles (Annex XVII) | : Neither banned nor restricted |
| Regulation (EC) No 689/2008 of the European Parliament and the Council concerning the export and import of dangerous chemicals | : Neither banned nor restricted |
| REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59). | : This product does not contain substances of very high concern (Regulation (EC) No 1907/2006 (REACH), Article 57). |
| EU. REACH - Annex XIV: List of substances subject to authorisation | : Neither banned nor restricted |
| Regulation (EC) No 1005/2009 on substances that deplete the ozone layer - Annex I Controlled substances covered | : Neither banned nor restricted |
| Regulation (EC) No 850/2004 on persistent organic pollutants | : Neither banned nor restricted |
| Major Accident Hazard Legislation 96/82/EC | : Update: 2003
Directive 96/82/EC does not apply |
| Volatile organic compounds | : Directive 1999/13/EC
14,46 % |

15.2 Chemical Safety Assessment

A Chemical Safety Assessment is not required for this substance when it is used in the specified applications.

SECTION 16: Other information

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The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The 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, unless specified in the text.