



SAFETY DATA SHEET
ARDEX AF 165

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product name ARDEX AF 165
Product No. 24999

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

Identified uses Adhesive.

1.3. Details of the supplier of the safety data sheet

Supplier Ardex UK Limited
Homefield Road
Haverhill
Suffolk
CB9 8QP
Tel. 01440 714939
Fax. 01440 716667
e-mail: safetydatasheets@ardex.co.uk
Contact Person Mr Ian Smith, Laboratory Manager

1.4. Emergency telephone number

+44 (0) 870 190 6777 (24 hours)

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)
Physical and Chemical Hazards Not classified.
Human health Not classified.
Environment Not classified.
Classification (1999/45/EEC) Not classified.

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

2.2. Label elements

Label In Accordance With (EC) No. 1272/2008
No pictogram required.

Precautionary Statements

P102	Keep out of reach of children.
P501	Dispose of contents/container in accordance with local regulations. Dispose of contents/container in accordance with regional regulations. Dispose of contents/container in accordance with national regulations. Dispose of contents/container in accordance with international regulations.

Supplemental label information

EUH 208: Contains reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H isothiazol-3-one [EC no. 220-239-6] (3:1), 1,2-benzisothiazol-3(2H)-one.
May produce an allergic reaction.

2.3. Other hazards

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

Ingredient notes
Dangerous components: void

Composition Comments

The data shown are in accordance with the latest EC Directives.

SECTION 4: FIRST AID MEASURES**4.1. Description of first aid measures**

General information

No recommendation given.

Inhalation

Supply Fresh Air. Get medical attention if any discomfort continues.

Ingestion

Immediately rinse mouth and provide fresh air. Contact physician if larger quantity has been consumed.

Skin contact

Generally the product does not irritate the skin.

Eye contact

Promptly wash eyes with plenty of water while lifting the eye lids.

4.2. Most important symptoms and effects, both acute and delayed**4.3. Indication of any immediate medical attention and special treatment needed**

No specific first aid measures noted.

SECTION 5: FIREFIGHTING MEASURES**5.1. Extinguishing media**

Extinguishing media

Water spray, dry powder or carbon dioxide.

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products

No further relevant information available

Unusual Fire & Explosion Hazards

N/A.

Specific hazards

Not known.

5.3. Advice for firefighters

Special Fire Fighting Procedures

Use supplied air respirator if product is involved in a fire.

Protective equipment for fire-fighters

Use air-supplied respirator during fire fighting.

SECTION 6: ACCIDENTAL RELEASE MEASURES**6.1. Personal precautions, protective equipment and emergency procedures**

In case of spills, beware of slippery floors and surfaces. For personal protection, see section 8.

6.2. Environmental precautions

Avoid discharge to the aquatic environment. Do not allow product to reach sewage system or any water course.

Collect and dispose of spillage as indicated in section 13.

6.3. Methods and material for containment and cleaning up

ABSORB with liquid binding material. Collect spillage with shovel, broom or the like and reuse, if possible. Dispose of large amounts of spillage/waste according to agreement with local authorities.

6.4. Reference to other sections

For personal protection, see section 8. Collect and dispose of spillage as indicated in section 13.

SECTION 7: HANDLING AND STORAGE**7.1. Precautions for safe handling**

No specific usage precautions noted. Observe good chemical hygiene practices.

7.2. Conditions for safe storage, including any incompatibilities

Keep in original container. Store above freezing.

Storage Class

Unspecified storage.

7.3. Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters**8.2. Exposure controls**

Protective equipment



Engineering measures

Not relevant

Respiratory equipment

Respiratory protection not required.

Hand protection

Protective gloves should be used if there is a risk of direct contact or splash. Nitrile gloves are recommended.

Eye protection

Not relevant

Hygiene measures

Wash hands after handling. Use appropriate skin cream to prevent drying of skin.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance	Paste
Colour	White
Odour	Characteristic
Solubility	Fully miscible
Initial boiling point and boiling range (°C)	> 100° C
Melting point (°C)	Not applicable.
Relative density at 20°C	1, 35 g/cm ³
Bulk Density	Not applicable.
Vapour density (air=1)	Not relevant
Vapour pressure at 20°C	23 mbar
Evaporation rate	Not available.
Evaporation Factor	Not available.
pH-Value, Conc. Solution	7
Viscosity dynamic at 20°C	43000 mPas
Solubility Value (G/100G H ₂ O@20°C)	Not available.

Decomposition temperature (°C)

Not available.

Odour Threshold, Lower

Not relevant

Odour Threshold, Upper

Not relevant

Flash point (°C)

Not applicable.

Auto Ignition Temperature (°C)

Not applicable.

Flammability Limit - Lower(%)

Not applicable.

Flammability Limit - Upper(%)

Not applicable.

Explosive properties

Not applicable.

Other Flammability

Not applicable.

Oxidising properties

Not applicable.

Solvent content VOC 0.00%

9.2. Other information

Particle Size (Micron)

Not relevant EMICODE EC 1 PLUS Very Low Emission

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

There are no known reactivity hazards associated with this product.

10.2. Chemical stability

No particular stability concerns.

10.3. Possibility of hazardous reactions

Not known.

10.4. Conditions to avoid

Avoid frost.

10.5. Incompatible materials

Materials To Avoid

No incompatible groups noted.

10.6. Hazardous decomposition products

Not known.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Acute toxicity:

Acute Toxicity (Oral LD50)

Not available.

Acute Toxicity (Dermal LD50)

Not available.

Acute Toxicity (Inhalation LC50)

Not available.

Skin Corrosion/Irritation:

Not irritating.

Respiratory or skin sensitisation:

Respiratory sensitisation
Not applicable.
Skin sensitisation
Not applicable.

Germ cell mutagenicity:

Genotoxicity - In Vitro
Not applicable.

Carcinogenicity:

This substance has no evidence of carcinogenic properties.

Reproductive Toxicity:

Reproductive Toxicity - Fertility
Not applicable.
Reproductive Toxicity - Development
Not applicable.

Specific target organ toxicity - single exposure:

STOT - Single exposure
Not applicable.

Specific target organ toxicity - repeated exposure:

STOT - Repeated exposure
Not applicable.

General information

No specific health warnings noted.

Inhalation

No specific health warnings noted.

Ingestion

No harmful effects expected in amounts likely to be ingested by accident.

Skin contact

Not a skin sensitiser.

Eye contact

Irritation, burning, lachrymation, blurred vision after liquid splash.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

The product is not expected to be hazardous to the environment.

12.1. Toxicity

Acute Fish Toxicity

Not considered toxic to fish.

Acute Toxicity - Aquatic Invertebrates

Not available.

Acute Toxicity - Aquatic Plants

Not available.

Acute Toxicity - Microorganisms

Microbial toxicity is unlikely to occur.

Acute Toxicity - Terrestrial

Not applicable.

12.2. Persistence and degradability

Degradability

The product is potentially degradable.

Phototransformation
 Not available.
 Stability (Hydrolysis)
 Not applicable.
 Biodegradation
 Not available.

12.3. Bioaccumulative potential

Bioaccumulative potential
 The product is not bioaccumulating.

12.4. Mobility in soil

Mobility:
 Not considered mobile.

12.5. Results of PBT and vPvB assessment

This product does not contain any PBT or vPvB substances.

12.6. Other adverse effects

Not applicable.

SECTION 13: DISPOSAL CONSIDERATIONS

General information

The packaging must be empty (drop-free, when inverted). The packaging should be collected for reuse. Waste to be treated as controlled waste. Disposal to licensed waste disposal site in accordance with local Waste Disposal Authority.

13.1. Waste treatment methods

Dispose of waste and residues in accordance with local authority requirements.
 Waste Class
 08 04 10: adhesive and sealant waste with exception of 08 04 09

SECTION 14: TRANSPORT INFORMATION

General	The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).
---------	---

14.1. UN number

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

Transport Labels	No transport warning sign required.
------------------	-------------------------------------

14.4. Packing group

Not applicable.

14.5. Environmental hazards

Environmentally Hazardous Substance/Marine Pollutant
 No.

14.6. Special precautions for user

Not applicable.

14.7. Transport in bulk according to Annex II of MARPOL73/78 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 Legislation

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments.

15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out.

SECTION 16: OTHER INFORMATION

Revision Comments

This is first issue.

Issued By

Mr Ian Smith, Laboratory Manager (Telephone:01440 714939)

02/06/2016

Disclaimer

This 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. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.