



**SAFETY DATA SHEET**  
**ARDEX AF 145**

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

**1.1. Product identifier**

Product name ARDEX AF 145  
Product No. 24998

**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 -Adhesive  
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 drink plenty of water, 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**

No further relevant information available

**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**

No further relevant information available

**5.3. Advice for firefighters**

No special measures required.

**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. Dilute with plenty of water. 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, 25 g/cm <sup>3</sup>
Bulk Density	Not applicable.
Vapour density (air=1)	Not relevant
Vapour pressure at 20°C	24 hPa
Evaporation rate	Not available.
Evaporation Factor	Not available.
pH-Value, Conc. Solution	8
Viscosity dynamic at 20°C	37000 mPas
Solubility Value (G/100G H <sub>2</sub> 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%

Solids Content 71.5%

## **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**

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.