

**1. PRODUCT AND COMPANY IDENTIFICATION**

Product Code SIKAE5
Product Name Sika AER 5
Product Description Liquid air-entraining admixture for cementitious mortar.
Manufacturer/Supplier Sika Limited
Watchmead
Welwyn Garden City
Hertfordshire.
AL7 1BQ
tel. 01707 394444
Fax. 01707 329129

2. COMPOSITION/INFORMATION ON THE COMPONENTS**Preparation - Hazardous ingredients (Europe)**

Component	CAS/EINECS	Concentration	Classification	Risk Phrases
Tall oil, sodium salt	65997-01-5	1.00% - 2.50%	Xi	R36/37/38
Nonylphenyl/polyoxyethylene ether phosphates	68412-53-3	0.10% - 1.00%	Xi, N	R38, R41, R51/53

3. HAZARD IDENTIFICATION

Main Hazards Not classified as hazardous.

4. FIRST AID MEASURES

Eye Contact Immediately flood the eye with plenty of water for at least 15 minutes, holding the eye open.
Obtain medical attention if soreness or redness persists.

Skin Contact Wash skin thoroughly with soap and water.
Contaminated clothing should be washed or dry-cleaned before re-use.
Do not use organic solvents to clean skin.

Ingestion Wash out mouth with water. Do not induce vomiting.
Obtain medical attention.

Inhalation Unlikely to occur. However provide symptomatic medical treatment if required.

5. FIRE FIGHTING MEASURES

Extinguishing Media Not combustible.
Select extinguishing agent appropriate to other materials involved.

Special Hazards of Product Combustion will produce smoke, carbon dioxide and carbon monoxide.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions Wear appropriate protective clothing.

Environmental Precautions and Clean-up Methods Prevent the material from entering drains or water courses.
Advise Authorities if spillage has entered water course or sewer or has contaminated soil or vegetation.

**Spillages**

Small spillages may be flushed with large quantities of water.
Large spillages should be collected for disposal.
Transfer into suitable containers for recovery or disposal.

7. HANDLING AND STORAGE**Handling**

Avoid contact with eyes, skin and clothing.

Storage

Storage area should be: cool. out of direct sunlight.
Where outside storage of drums is unavoidable, they should be stored horizontally to avoid ingress of water.
Protect from extremes of cold.
Storage temperature should be controlled to between 5 and 25 °C.
Keep away from foodstuffs

8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Engineering Control Measures**

Use of the basic principles of Industrial Hygiene will enable this material to be used safely.

Respiratory Protection

None required.

Hand Protection

Wear suitable impervious gloves.

Eye Protection

Wear safety glasses if risks of accidental contamination are possible during application.

9. PHYSICAL AND CHEMICAL PROPERTIES**Physical State**

Liquid.

Color

Brown.

Odor

Faint.

pH

11 (typical)

Boiling Point °C

>100

Solubility - Water

Miscible.

Vapor Pressure (kPa)

Negligible vapour pressure at ambient conditions.

Density (kg/m³)

Approx. 1030 at 20 °C.

Viscosity (at 20°C)

Mobile liquid at ambient temperatures.

10. STABILITY AND REACTIVITY**Stability**

Stable under normal conditions.

Conditions to avoid

Protect from frost

Hazardous Decomposition Products

Combustion will generate: oxides of carbon. oxides of sulphur.

11. TOXICOLOGICAL INFORMATION**Acute toxicity**

Low order of acute toxicity.

Eye irritation

May cause slight transient irritation.

Skin irritation

Frequent or prolonged skin contact may cause some local short term skin irritation.

**12. ECOLOGICAL INFORMATION**

<i>Mobility</i>	Mobile liquid.
<i>Persistence/degradability</i>	The product is expected to be partially or slowly biodegradable.
<i>Ecotoxicity</i>	The product may be harmful to aquatic organisms.

13. DISPOSAL

<i>Product Disposal</i>	Arrange for disposal via a licensed waste contractor.
<i>Container Disposal</i>	Dispose of containers with care. Empty packaging should be removed by a licensed waste contractor.

14. TRANSPORT INFORMATION

<i>ADR/RID : Proper shipping name</i>	Not Regulated under ADR/RID
<i>IMDG : Proper shipping name</i>	Not Regulated under IMDG
<i>IATA : Proper shipping name</i>	Not Regulated under ICAO

15. REGULATORY INFORMATION

<i>Risk Phrases</i>	None assigned.
<i>Safety Phrases</i>	The following are considered as advisory: Avoid contact with skin and eyes. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable gloves and eye/face protection.

16. OTHER INFORMATION

<i>First Issue Date</i>	16.07.1996
<i>Revisions Highlighted</i>	Composition / information on ingredients
<i>Uses and Restrictions</i>	Customers are urged to ensure that the product is entirely suitable for their own purpose. It is the customer's responsibility to ensure that a suitable and sufficient assessment of the risks created by the use of the product is undertaken.
<i>UK Legislation</i>	Health and Safety at Work etc Act, 1974, and relevant Statutory Provisions. SI 2002/1689: Chemicals (Hazard Information and Packaging) Regulations, 2002. SI 1999/437: The Control of Substances Hazardous to Health Regulations SI No 2839 1991 Environmental Protection (Duty of Care) Regulations.
<i>UK Guidance Publications</i>	General Approved Code of Practice to COSHH Regulations, HSE.
<i>Footnote</i>	The information contained in this SDS corresponds to our level of knowledge at the time of publication. All warranties are excluded. Our most current General Sales Conditions shall apply. Please consult the Technical Data Sheet prior to use.