



Specialist Construction Supplies for Repair, Maintenance, Building & Infrastructure

## Sikaset 45 Safety Data Sheet

### Safety Data Sheet

Product: **Sikaset 45**

Supplier:

**Arcon Construction Supplies**

**19-20 Prestwood Court**

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**Warrington**

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**1. PRODUCT AND COMPANY IDENTIFICATION**

<i>Product Code</i>	SIKST45
<i>Product Name</i>	SikaSet-45
<i>Product Description</i>	Rapid Set Mortar
<i>Manufacturer/Supplier</i>	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
Limestone	1317-65-3	50.00% - 100.00%	-	-
Pulverised fuel ash	68131-74-8	10.00% - 25.00%	-	-

**3. HAZARD IDENTIFICATION**

<i>Main Hazards</i>	This preparation is not classified as dangerous according to the EC Directive 88/379/EEC.  When mixed with water a mildly acidic solution is produced
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**4. FIRST AID MEASURES**

<i>Eye Contact</i>	Immediately flood the eye with plenty of water for at least 15 minutes, holding the eye open. Obtain medical attention urgently.
<i>Skin Contact</i>	Wash skin thoroughly with soap and water. Obtain medical attention if blistering occurs or redness persists. Contaminated clothing should be washed or dry-cleaned before re-use.
<i>Ingestion</i>	Do not induce vomiting. Wash out mouth with water.
<i>Inhalation</i>	Remove from exposure. In cases of possible respiratory irritation or if feeling unwell in cases of prolonged exposure, obtain medical attention.

**5. FIRE FIGHTING MEASURES**

<i>Extinguishing Media</i>	Not combustible. Select extinguishing agent appropriate to other materials involved.
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**6. ACCIDENTAL RELEASE MEASURES**

<i>Personal Precautions</i>	Wear appropriate protective clothing.
<i>Spillages</i>	Avoid creating a dust. Sweep up into suitable containers for recovery or disposal.

**7. HANDLING AND STORAGE****Handling**

Avoid inhaling dust.  
Exposure by inhalation or skin contact should be minimised by good Industrial Hygiene practices.

**Storage**

Use in well ventilated area.  
Storage area should be: cool. dry.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION****Occupational Exposure Limits - GB**

Limestone

UK EH40:OES 10 mg/m<sup>3</sup> 8hr TWA , total inhalable dustUK EH40:OES 4 mg/m<sup>3</sup> 8hr TWA , respirable dust

Pulverised fuel ash

UK EH40: OES 10mg/m<sup>3</sup> 8hr.TWA , total inhalable dustUK EH40: OES 4 mg/m<sup>3</sup> 8hr.TWA , respirable dust**Engineering Control Measures**

Use of the basic principles of Industrial Hygiene will enable this material to be used safely.  
Every effort should be made to prevent airborne dusts arising during mixing operations.

**Respiratory Protection**

If limits are exceeded use an approved dust mask. Low levels of hydrogen sulphide and ammonia are evolved when the product is mixed with water. Ensure suitable respiratory protection is worn in confined spaces

**Hand Protection**

Wear suitable impervious gloves.

**Eye Protection**

Dust tight goggles.

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

Powder.

**Color**

Light Grey.

**Odor**

None.

**pH**

Approx. 5 - 6 in water

**Solubility - Water**

Insoluble

**Density (kg/m<sup>3</sup>)**

Approx. 1500 (loose)

**10. STABILITY AND REACTIVITY****Stability**

Stable under normal conditions.

**Materials to avoid**

Strong mineral acids.

**Hazardous Decomposition Products**

None known.

**11. TOXICOLOGICAL INFORMATION****Acute toxicity**

Low order of acute toxicity.

**Eye irritation**

Irritating to the eyes.

Abrasion will likely cause transient irritation.

**Skin irritation**

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

**12. ECOLOGICAL INFORMATION****Mobility**

Insoluble

**Persistence/degradability**

Inorganic basis, therefore non biodegradable.

**13. DISPOSAL****Product Disposal**

As an inert material it may be disposed of via an approved solid waste disposal facility.

**Container Disposal**

Empty packaging may be disposed along with normal builders waste via an authorised waste contractor.

**14. TRANSPORT INFORMATION****ADR/RID : Proper shipping name**

Not Regulated under ADR/RID

**IMDG : Proper shipping name**

Not Regulated under IMDG

**IATA : Proper shipping name**

Not Regulated under ICAO

**15. REGULATORY INFORMATION****Risk Phrases**

None assigned

**Safety Phrases**

Do not breathe dust.  
Avoid contact with skin and eyes.  
In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
After contact with skin, wash immediately with plenty of water  
Wear suitable gloves and eye/face protection.

**16. OTHER INFORMATION****First Issue Date**

13.01.2005

**Revisions Highlighted**

Future revisions will incorporate such information as is required but which is not available at this time.

**Uses and Restrictions**

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.

**UK Legislation**

Health and Safety at Work etc Act, 1974, and relevant Statutory Provisions.  
SI 2002/1689: Chemicals (Hazard Information and Packaging) Regulations  
SI 2002/2677: The Control of Substances Hazardous to Health Regulations  
SI No 2839 1991 Environmental Protection (Duty of Care) Regulations.

**UK Guidance Publications**

General Approved Code of Practice to COSHH Regulations, HSE.  
EH40, Occupational Exposure Limits, HSE. Revised Annually.  
EH44, Dust in the Workplace: General Principles of Protection, HSE.

**Footnote**

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.