

**1. PRODUCT AND COMPANY IDENTIFICATION**

Product Code SIKST45
Product Name SikaSet-45
Product Description Rapid Set Mortar
Manufacturer/Supplier Sika Limited
Watchmead
Welwyn Garden City
Hertfordshire.
AL7 1BQ
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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

Main Hazards 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

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 urgently.

Skin Contact 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.

Ingestion Do not induce vomiting. Wash out mouth with water.

Inhalation 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

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

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions Wear appropriate protective clothing.

Spillages 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/m³ 8hr TWA , total inhalable dustUK EH40:OES 4 mg/m³ 8hr TWA , respirable dust

Pulverised fuel ash

UK EH40: OES 10mg/m³ 8hr.TWA , total inhalable dustUK EH40: OES 4 mg/m³ 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/m³)

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.



SAFETY DATA SHEET

SikaSet-45

Date of issue - 13/01/2005.

SIKST45

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.