

**1. PRODUCT AND COMPANY IDENTIFICATION**

Product Code INTRC
Product Name Intracrete
Product Description Plasticising/Expanding additive for cementitious mortars and grouts
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
Calcium carbonate	1317-65-3	50.00% - 100.00%	-	-
Sodium carbonate	497-19-8	10.00% - 25.00%	Xi	R36
Sodium Persulphate	7775-27-1	2.50% - 10.00%	O, Xn	R8, R22, R42/43
Calcium hydroxide	1305-62-0	2.50% - 10.00%	Xi	R38, R41
Toluene-4-sulphonohydrazide	1576-35-8	2.50% - 10.00%	Xn, F	R22, R44

3. HAZARD IDENTIFICATION

Main Hazards Irritating to eyes.
May cause sensitisation by inhalation and skin contact.

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.

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

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.

Special Hazards of Product Combustion will generate oxides of carbon and nitrogen

**6. ACCIDENTAL RELEASE MEASURES**

<i>Personal Precautions</i>	Wear appropriate protective clothing.
<i>Environmental Precautions and Clean-up Methods</i>	Try to prevent the material from entering drains or water courses.
<i>Spillages</i>	Avoid creating a dust. Sweep up into suitable containers for recovery or disposal.

7. HANDLING AND STORAGE

<i>Handling</i>	Avoid inhaling dust. Exposure by inhalation or skin contact should be minimised by good Industrial Hygiene practices. Use in well ventilated area.
<i>Storage</i>	Storage area should be: cool. dry. Keep away from foodstuffs

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

Calcium carbonate	UK EH40: OES 10mg/m ³ 8h TWA. Dust, total inhalable: UK EH40: OES 4mg/m ³ 8h TWA. Dust, respirable:
Calcium hydroxide	UK EH40:OES 5 mg/M ³ 8 hr. TWA

<i>Engineering Control Measures</i>	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. If limits are exceeded use an approved dust mask.
<i>Respiratory Protection</i>	If limits are exceeded use an approved dust mask.
<i>Hand Protection</i>	Wear suitable impervious gloves.
<i>Eye Protection</i>	Dust tight goggles.

9. PHYSICAL AND CHEMICAL PROPERTIES

<i>Physical State</i>	Powder.
<i>Color</i>	White.
<i>Odor</i>	Pungent.
<i>pH</i>	Approx. 12 at 10% w/w in water.
<i>Flash Point °C</i>	Not applicable.
<i>Solubility - Water</i>	Partially soluble.
<i>Density (kg/m³)</i>	Approx. 1000. (loose)

10. STABILITY AND REACTIVITY

<i>Stability</i>	Stable under normal conditions.
<i>Conditions to avoid</i>	Exposure to water or moisture.
<i>Hazardous Decomposition Products</i>	carbon oxides (CO, CO ₂) nitrogen oxides (NO, NO ₂ ...) sulfur oxides (SO ₂ , SO ₃ ...)

**11. TOXICOLOGICAL INFORMATION**

<i>Acute toxicity</i>	Low order of acute toxicity.
<i>Eye irritation</i>	Irritating to the eyes.
<i>Skin irritation</i>	Frequent or prolonged skin contact may cause some local short term skin irritation.
<i>Sensitization - Skin</i>	The possibility of allergic sensitisation should be considered.

12. ECOLOGICAL INFORMATION

<i>Mobility</i>	A small part of the product will dissolve in water.
<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>	Dispose of as Special Waste. 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>Label Requirements</i>	Harmful 
<i>Risk Phrases</i>	Irritating to eyes. May cause sensitisation by inhalation and skin contact.
<i>Safety Phrases</i>	Do not breathe gas/fumes/vapor/spray Avoid contact with skin. Wear suitable gloves. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
<i>Contains</i>	Sodium Persulphate

**16. OTHER INFORMATION**

<i>First Issue Date</i>	21.08.1998
<i>Revisions Highlighted</i>	Composition / information on ingredients Exposure controls/personal protection Labelling Information
<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. SI No. 972/1996: The Special Waste Regulations 1996
<i>UK Guidance Publications</i>	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.
<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.