Section 1 ; Identification of the substance /mixture and of the company undertaking

1.1 Product Identifier

Product Name: SAFECURE STANDARD

Synonyms:

1.2 Relevant identified uses of the substance or mixture & uses advised against

Use Of Substance /mixture : Polymer latex emulsion for use as concrete curing agent

1.3 Details of the supplier of the safety data

Company Name: Adomast Manufacturing Ltd

Barkston Road, Carlton Industrial Estate,

Barnsley

S71 3HU

Tel: 01226 707863

Fax: 01226 718051

Email: sales@adomast.co.uk

1.4 Emergency telephone number

Emergency Telephone Number : 07887 416399 (24 hours)

Section 2: Hazards Identification

2.1 Classification of the substance or mixture

In compliance with EC Regulation No. EC 1272/2008 and its amendments

Most Important adverse effect: No significant hazard. May cause mild skin irritation

2.2 Label elements

In compliance with EC Regulation No. EC 1272/2008 and its amendments

Hazard statements : No significant hazard. May cause mild skin irritation

Signal words:

Hazard pictograms : N/A

Precautionary statements :

P280 :Wear Protective gloves/clothing/eye protection

P303 +361 + 353;IF ON SKIN OR HAIR : remove all contaminated clothing. Rinse skin with water /shower

P304 =340 IF INHALED. Remove to fresh air and keep at rest in a position comfortable for breathing

P305 +351+338; IF IN EYES rinse carefully with water for several minutes. Remove contact lenses if present & easy to do so

.

Continue rinsing.

P501: Dispose of contents/container to: an approved waste facility

2.3 Other hazards:

PBT : This product is not identified as a PVT/vPvB substance

Section 3: Composition on ingredients

3.2 Mixtures

Hazardous ingredients : Not classified as hazardous

Chemical Name	EINECS	CAS	Classification REGULATION (EC) No 1272/2008	Percent

Section 4 : First Aid measures

4.1 Description of first aid measures :

Skin contact: Remove contaminated clothes and footwear immediately. Drench the affected skin with running water for 10 minutes

Eye Contact: Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination

Ingestion: Wash the mouth out with water. Do not induce vomiting. Get medical attention if adverse effects occur

Inhalation: Remove casualty from exposure. If unconscious check for breathing & apply artificial respiration if necessary. Get medical attention if adverse effects occur

4.2 Most important symptoms and effects, both acute and delayed

Skin contact: Irritation or pain may occur at site of contact.

Eye Contact: There may be irritation & redness.

Ingestion: There may be soreness & redness of the mouth & throat. Corrosive burns may appear around the lips. May cause throat burns. Nausea & stomach pains may occur. There may be vomiting.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest. May cause irritation to the mucous membrane and respiratory system.

Delayed / Immediate effects : Immediate effects can be expected after short term exposure.

4.3 Indication of any immediate medical attention and special treatment needed

Immediate /special treatment : Eye bathing equipment should be available on the premises

Section 5 : Fire-Fighting measures

5.1 Extinguishing media

Extinguishing media : No known UNSUITABLE extinguishing media. Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

5.2 Special hazards arising from the substance or mixture

Exposure hazards: The material is not flammable. In combustion, emits toxic fumes of carbon dioxide/carbon monoxide.

5.3 Advice for fire-fighters

Advice for fire-fighters : Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

Section 6 : Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions : Wear suitable protective clothing. Refer to section 8 of SDS for personal protection details

6.2 Environmental precautions

Environmental; precautions : **Do not discharge into drains or rivers. Contain the spillage using bunding**

6.3 Methods and material for containment and cleaning up

Clean up procedures: **Personal precautions: Mark out the contaminated area with signs and prevent access to unauthorised personnel. Do not attempt to take action without suitable protective clothing - see section 8 of SDS. Turn leaking containers leak-side up to prevent the escape of liquid. Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.**

Section 7 Handling and storage

7.1 Precautions for safe handling :

Handling requirements: **Avoid direct contact with the substance. Avoid the formation or spread of mists in the air**

7.2 Conditions for safe storage, including any incompatibilities

Storage conditions : **Store in cool, well ventilated area. Keep container tightly closed**

Suitable packaging : **Plastic/ Plastic lined**

7.3 Specific end uses (s)

Specific end uses : **No special requirement**

Section 8 : Exposure control / personal protection

8.1 Control parameters

Workplace exposure limits

Location	8 hour TWA	15 min STEL	8 Hour TWA	15 min STEL
UK				

Hazardous ingredients :

	8 hour TWA	15 min STEL
UK		

DNEL / PNEC Values : No data available

Type	Exposure	Value	Population	Effect

8.2 Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area

Respiratory protection: Respiratory protection is not normally required However suitable respiratory equipment may need to be provided for those operations which generate vapour, mists or fumes and where exposure cannot be adequately

controlled by local exhaust ventilation or other means Hand protection:

Protective gloves (alkali resistant)

Eye protection: **Tightly fitting safety goggles. Ensure eye bath is to hand.**

Skin protection: **Protective clothing**

Environmental: **No special requirement**

Section 9.0 Physical and Chemical properties

9.1 Information on basic physical and chemical properties

State: **Liquid**

Colour: **White**

Odour: **Barely perceptible ammonia typeodour**

Oxidisisng: **Non oxidising**

Solubility in water: Soluble

Viscosity: **Non viscous**

Boiling point /range °C :

Relative density: 0.9-1.0 pH :

9-11

9.2 Other information

Other information : Not applicable

Section 10.0 Stability and reactivity

10.1 Reactivity

Reactivity : stable under normal conditions

10.2 Chemical stability

Chemical stability : stable under normal conditions

10.3 Possibility of hazardous reactions

Possibility of hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions

10.4 Conditions to avoid

Conditions to avoid: Heat

10.5 Incompatible materials

Materials to avoid: Strong oxidising agents

10.6 Hazardous decomposition products

Haz decomp products : This product may give rise to hazardous fumes in a fire.
(carbon monoxide/carbon dioxide)

Section 11 Toxicological information

11.1 Information on toxicological effects :

Toxicity values: Long term exposure of this product type indicates no danger to health when properly handled under site conditions

Route	species	Test	Value	Units
ORAL	RAT	LD50	> 2000	mg/kg

Relevant effect for mixture : NA

Effect	Route	Basis

Symptoms / routes of exposure

Skin contact: Mild irritation or pain may occur at the site of contact.

Eye contact : There may be redness and irritation.

Ingestion : There may be soreness and redness of the throat. Nausea and stomach pains may occur

Inhalation : There may be irritation of the throat and a feeling of tightness in the chest. May cause irritation of the mucous membranes and respiratory system

Delayed / immediate effects: Immediate effects can be experienced after short term exposure

Other information: No other information available at this moment

Section 12 Ecological information

12.1 Toxicity:

Ecotoxicity values : This product is not classified as dangerous for the environment

Species	Test	Value	Units
Algae	48H EC50	>1000	mg/l

Daphinia magna	**96H LC50**	**>1000**	**mg/l**
Fish	**96H EC50**	**>1000**	**mg/l**

12.2 Persistence and degradability

Persistence and degradability : READILY BIODEGRADABLE

12.3 Bioaccumulative potential

Bioaccumulative potential: **There is no evidence of bioaccumulation**

12.4 Mobility in soil

Mobility : **Readily absorbed into soil. Fully soluble in water**

12.5 Results of PBT and vPvB assessment

PBT identification : This product is not identified as a PVt/vPvB substance

12.6 Other adverse effects

Other adverse effects: **Not expected to cause significant environmental impact**

Section 13 Disposal considerations

13.1 Waste treatment methods

Disposal Operations: Dispose of in compliance with local and national regulations. Product should not be discharged directly into drains or sewers or waterways without treatment.

Recovery operations : No information available at this time

Disposal of packaging : May be reused following decontamination. Where practical containers and packaging should be recycled by a licensed contractor

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14 Transport information . This product does not require a classification for transport

14.1 UN number:

UN Number: NA

14.2 UN proper shipping name

Shipping name : NA

14.3 Transport Hazard Class

Transport class: **This product does not require a classification for transport. This product is not dangerous, not hazardous, and not restricted for transport by air**

14.4 Packing Group

Packing group :

14.5 Environmental hazards

Environmentally hazardous : NO

Marine pollutant : NO

14.6 Special precautions for user

Special precautions: **No special precautions**

Tunnel code:

Transport category :

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code

Transport in bulk:

Section 15 Regulatory information

15.1 Safety, health and environmental regulations specific for the substance or mixture

Specific regulations:

15.2 Chemical Safety Assessment

Chemical safety assessment : A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

Section 16 Other information

16.1 Other information :

Other information:

Phrases used in s.2 and s.3 :

P280 :Wear Protective gloves/clothing/eye protection

P303 +361 + 353;IF ON SKIN OR HAIR : remove all contaminated clothing. Rinse skin with water /shower

P304 =340 IF INHALED. Remove to fresh air and keep at rest in a position comfortable for breathing

P305 +351+338; IF IN EYES rinse carefully with water for several minutes. Remove contact lenses if present & easy to do so. Continue rinsing.

P501: Dispose of contents/container to: an approved waste facility