

ANDURA COATINGS

1. PRODUCT IDENTIFICATION AND COMPANY DETAILS.

Product name: SBR Water Resistant Bonding Admixture
(Farmcrete)

Intended use: Bonding Admixture for use in cement based mixes.

Company address: Andura Coatings, 20, Murdock Road, Bicester, Oxon.
OX26 4PP

Facsimile: 01869 240375

Emergency telephone no. 01869 240374

2. HAZARD IDENTIFICATION

This product is not classified as dangerous according to the CHIP Regulations.
(Also see section 11)

3. COMPOSITION / INFORMATION ON INGREDIENTS

This product does not contain any substances presenting a health or environmental hazard within the meaning of the CHIP Regulations.

4. FIRST AID MEASURES

General:

In cases of doubt, or when symptoms persist, seek medical attention.
Never give anything by mouth to an unconscious person.

Inhalation:

Remove to fresh air, keep patient warm and at rest. If breathing is irregular or has stopped, administer artificial respiration. Give nothing by mouth. If unconscious place in recovery position and seek medical advice

Eye Contact:

Remove contact lenses. Irrigate copiously with clean, fresh water for at least ten minutes, holding the eyes apart, and seek medical advice.

Skin Contact:

Remove contaminated clothing. Wash skin thoroughly with soap and water or use a proprietary skin cleanser. Do NOT use solvent or thinners.

Ingestion:

If accidentally swallowed obtain immediate medical attention. Keep at rest. Do not induce vomiting.

5 FIRE-FIGHTING MEASURES

Extinguishing media: Recommended: alcohol resistant foam, CO₂, powder, water spray/mist.
Not to be used: water jet.

Recommendations: Fire will produce dense black smoke containing hazardous products of combustion (see section 10). Exposure to decomposition products may be a hazard to health. Appropriate self contained breathing apparatus may be required. Cool closed containers exposed to fire with water spray. Do not allow water run-off from fire fighting to enter drains or water courses.

6 ACCIDENTAL RELEASE MEASURES

Avoid breathing vapours. Refer to protective measures listed in section 7 and 8. Contain the spillage with non combustible absorbent materials eg. Sand, earth, vermiculite, diatomaceous earth and place in a suitable container for disposal in accordance with the waste regulations (see section 13). Do not allow to enter drains or watercourses. Clean, preferably with detergent: avoid use of solvents. If the product enters drains or sewers, immediately contact the local water company; in case of contamination of streams, rivers or lakes, the relevant environment agency.

7 HANDLING AND STORAGE

Handling

Keep the container tightly closed. Exclude sources of heat, sparks and open flame. Non sparking tools should be used.

Avoid skin and eye contact. Avoid the inhalation of vapour and mist.

For Occupational Exposure Control measures, see section 8.

Never use pressure to empty: the container is not a pressure vessel. Always use containers the same as the supply container.

(The Manual Handling Operations Regulations may apply to the handling of containers of this product)

Storage

Observe label precautions. Store between 5deg and 25deg C in a dry, well ventilated place away from sources of heat, ignition or direct sunlight.

No smoking. Prevent unauthorised access. Containers which are opened should be properly resealed and kept upright to prevent leakage.

Store separately from oxidising agents and strongly alkaline or acidic materials.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure controls

Provide adequate ventilation. If the product is sprayed, the use of local exhaust ventilation and good general extraction is recommended. If these are not sufficient to maintain concentrations of solvent vapour and/or particulates below the relevant occupational Exposure Limit Values, suitable respiratory protection must be worn.

Exposure Limit Values

Substance	TWA ⁽¹⁾		STEL ⁽²⁾		Notations
	ppm	mg.m ⁻³ (4)	ppm	mg.m ⁻³ (4)	
Respirable particulates		5 (OEL)			
Total inhalable particulates		10 (OEL)			

(1) Long term exposure limit – 8 hour time weighted average.

(2) OEL's are taken from the current version of EH40

Occupational Exposure Controls

All personal protective equipment, including respiratory protective equipment, used to control exposure to hazardous substances must be select to meet the requirements of the COSHH Regulations.

Respiratory Protection.

If sprayed, local exhaust ventilation and good general extraction should be used to control any build up of airborne materials.

Hand Protection.

When skin exposure may occur, advice should be sought from glove suppliers on appropriate types and usage times for this product. The instructions and information provided by the glove supplier on use, storage, maintenance and replacement, must be followed.

Barrier creams may help to protect exposed skin, but are not substitutes for full physical protection. They should not be applied once exposure has occurred.

Eye Protection.

Eye protection designed to protect against liquid splashes should be worn.

Skin Protection.

Cotton or cotton/synthetic overalls or coveralls are normally suitable. Grossly contaminated clothing should be removed and the skin washed with soap and water or a proprietary skin cleanser.

Regular skin inspection of users of this product is recommended.

Always wash your hands before eating, drinking, smoking or using the toilet.

Environmental exposure control.

See section 12 for detailed information.

9 PHYSICAL AND CHEMICAL PROPERTIES.

Physical state:	Milky white liquid
Flash Point:	n/a
Specific Gravity:	1.05 – 1.09
Vapour density:	> 1
Lower explosion limit:	n/a
Solubility in water:	Miscible

10 STABILITY AND REACTIVITY

Stable under normal storage and handling conditions (see section 7). In a fire, hazardous decomposition products such as smoke, carbon monoxide, and oxides of nitrogen may be produced. Keep away from oxidising agent and strongly alkaline or acidic materials to prevent the possibility of exothermic reactions.

11 TOXICOLOGICAL INFORMATION.

There is no data available on the product itself.

Repeated or prolonged contact with the product may cause removal of natural fats from the skin, resulting in non-allergic contact dermatitis and absorption through the skin.

Splashes in the eyes may cause irritation and reversible local damage.

12 ECOLOGICAL INFORMATION.

There is no information on the product itself.

The product has been assessed following the conventional method in CHIP and is not classified as dangerous for the environment.

The product should not be allowed to enter drains or water courses or to be deposited where it can affect ground or surface waters.

13 DISPOSAL CONSIDERATIONS

Do not allow into drains or water courses or dispose of where ground or surface waters may be affected. Wastes, including empty containers, are controlled wastes and should be disposed of in accordance with regulations made under The Control of Pollution Act and The Environmental Protection Act.

When this coating, in it's liquid state, as supplied, becomes a waste, it is classified as non-hazardous, with code 08 01 12 (list of wastes)

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Used containers, drained and/or rigorously scraped out and containing dried residues of the supplied coating, are categorised as non-hazardous, with code 15 01 02 (list of hazardous wastes)

If mixed with other wastes, the above waste codes may not be applicable.

14 TRANSPORT INFORMATION

This product is not classified as being dangerous for carriage.

15 REGULATORY INFORMATION.

The product is not classified as being dangerous according to the CHIP Regulations.

The information contained in this safety data sheet does not constitute the user's own assessment of workplace risks as required by other health and safety legislation. The provisions of the Health and Safety at Work etc Act and the Control of Substances Hazardous to Health Regulations apply to the use of this product at work.

16 OTHER INFORMATION

Text of the R phrases listed in Section 2

R Phrase No.

Text

The information contained in this safety data sheet is provided in accordance with the requirements of the CHIP Regulations.

The product should not be used for purposes other than those shown in Section 1 without first referring to the supplier and obtaining written handling instructions. As the specific conditions of use of the product are outside the supplier's control, the user is responsible for ensuring that the requirements of relevant legislation are complied with.

The information contained in this safety data sheet is based on the present state of knowledge and on current national legislation. It provides guidance on health, safety and environmental aspects of the product and should not be construed as any guarantee of technical performance or suitability for particular applications.

Further information and advice can be found in:

The Control of Substances Hazardous to Health Regulations 2002 [SI 2002: 2677], The Stationery Office

COSHH Essentials: easy steps to control chemicals [HSG 193], HSE Books. Details of Control Guidance Sheets, which may be relevant to the particular conditions of use, can also be found in this publication.

The Manual Handling Operations Regulations 1992 [SI 1992:2793], The Stationery Office
Storage of Packaged Dangerous Substances [HSG71], HSE Books

The Environmental Protection (Duty of Care) Regulations 1992 [SI 1992:2839], The Stationery Office