

Safety Data Sheet (SDS)

HOMESURE wShield Flexi Guard

Water-based acrylic-urethane protective coating



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Prepared in accordance with:

- UK REACH (as amended)
- GB CLP

Note: This Safety Data Sheet provides guidance for the safe handling, storage, use, transport, and disposal of the product based on current available information.

SECTION 1: Identification of the substance/mixture and of the company/undertaking.

1.1 Product identifier:

Name:	Homesure wShield Flexi Guard
Type:	Water-based acrylic-urethane protective coating

1.2 Relevant identified uses of the substance or mixture and uses advised against:

Identified uses:	• Maintenance, refurbishment and surface protection applications on sound roof and external building surfaces • Applications where improved flexibility and durability are required
Uses advised against:	• Uses other than those identified or recommended by the supplier • Not intended or represented as a certified roofing or waterproofing membrane system or assembly • Not intended for structural waterproofing, tanking or hydrostatic conditions • Not intended as an exposed traffic-bearing or wearing surface unless incorporated within a suitably designed and protected system build-up • Not intended for negative-side waterproofing conditions • Not suitable for continuous immersion or prolonged standing water • Not for use on unstable, friable, contaminated or actively deteriorating substrates

1.3 Details of the supplier of the safety data sheet:

Manufacturer (Non-GB Manufacturer):	Walplast Products Pvt. Ltd. Plot No. A-246, Cross Rd Number 18, T.T.C. Industrial Area, MIDC Industrial Area, Mahape, Navi Mumbai, Maharashtra 400710, INDIA. 1800 3000 6650 customercare@walplast.com www.walplast.com
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GB Importer (Supplier in Great Britain):

Aryaana Enterprises Limited
 124 City Road, London EC1V 2NX, United Kingdom.
 +44 (0) 2038157966
info@aryaana.co.uk
www.aryaana.co.uk

1.4 Emergency telephone number:

Aryaana Enterprises Limited: +44 (0) 2038157966
 (Monday – Friday, 09:00 – 17:00 UK time, English only)

Note: This number is for product information only and is not a medical emergency service.

- In a medical emergency, call **999**
- For non-emergency medical advice, contact **NHS 111**
- Healthcare professionals may obtain toxicological information via the National Poisons Information Service (NPIS)

SECTION 2: Hazards identification.

2.1 Classification of the substance or mixture under the GB CLP Regulation:

Skin Irrit. 2 (H315); Eye Irrit. 2 (H319)

2.2 Label elements:

Hazard pictogram(s): GHS07



Signal word: Warning

Hazard statements:

- H315: Causes skin irritation
- H319: Causes serious eye irritation

Supplemental hazard information:

- EUH210: Safety data sheet available on request
- EUH211: Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist

Precautionary statements:

- P261: Avoid breathing mist or spray
- P264: Wash hands thoroughly after handling
- P280: Wear protective gloves and eye protection
- P302+P352 IF ON SKIN: Wash with plenty of water
- P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
- P102: Keep out of reach of children

2.3 Other hazards:

- This mixture contains no substance identified as PBT or vPvB

2.4 PBT/vPvB Assessment:

Not applicable

SECTION 3: Composition/information on ingredients.

3.1 Substances:

Not applicable – this product is a mixture

3.2 Mixtures:

Ingredient	CAS No.	EC No.	Concentration (% w/w)	Classification (GB CLP)
Styrene-acrylic copolymer dispersion	25085–34–1	–	40%–50%	Non-hazardous

	Calcium carbonate	471-34-1	–	25%–35%	Non-hazardous
	Polyurethane dispersion	9009-54-5	–	10%–15%	Non-hazardous
	Water	7732-18-5	231-791-2	10%–15%	Non-hazardous
	Titanium dioxide	13463-67-7	–	10%–15%	Non-hazardous
	Additives	9004-62-0	–	5%–6%	Non-hazardous
Note: Composition ranges are provided for general identification purposes and may vary within normal manufacturing tolerances. SVHC (UK REACH): None above the reporting threshold.					

SECTION 4: First aid measures.

4.1 Description of first aid measures:

Inhalation:

- Remove person to fresh air and keep comfortable for breathing
- Seek medical advice if symptoms persist

Skin contact:

- Wash skin with soap and water and remove contaminated clothing
- Seek medical advice if irritation develops

Eye contact:

- Rinse cautiously with water for at least 15 minutes, lifting the upper and lower eyelids occasionally
- Remove contact lenses if present and easy to do, then continue rinsing
- Seek medical advice if irritation persists

Ingestion:

- Rinse mouth and drink 1–2 glasses of water
- Do not induce vomiting
- Never give anything by mouth to an unconscious person
- Seek medical advice if unwell

4.2 Most important symptoms and effects, both acute and delayed:

- May cause redness of the skin and eyes
- Inhaling spray mist may cause mild respiratory irritation (cough)

4.3 Indication of any immediate medical attention and special treatment needed:

Treat symptomatically.

SECTION 5: Firefighting measures.

- Non-flammable under normal conditions of storage and use
- Suitable extinguishing media: water spray, foam, dry powder or carbon dioxide (CO₂)
- Use extinguishing media appropriate to the surrounding fire
- Thermal decomposition may produce oxides of carbon and other decomposition products
- Firefighters should wear SCBA and suitable protective equipment

SECTION 6: Accidental release measures.**6.1 Personal precautions, protective equipment and emergency procedures:**

- Evacuate non-essential personnel
- Wear appropriate PPE (see Section 8)
- Avoid skin/eye contact and breathing spray mist

6.2 Environmental precautions:

- Prevent product from entering drains, sewers, watercourses or soil

6.3 Methods and material for containment and cleaning up:

- Contain and absorb spill with sand, earth or vermiculite
- Collect waste into labeled containers for disposal
- Clean tools, equipment and residues with water before the coating cures
- Dispose of waste in accordance with local UK waste regulations

SECTION 7: Handling and storage.**7.1 Precautions for safe handling:**

- Avoid contact with skin, eyes or clothing
- Use only in well-ventilated areas
- Avoid breathing spray mist
- Follow good industrial hygiene: wash hands after handling, and do not eat, drink or smoke during use

7.2 Conditions for safe storage, including any incompatibilities:

- Store in original, tightly closed containers in a cool, dry, well-ventilated place
- Recommended storage temperature: +5°C to +35°C
- Protect from frost, excessive heat and prolonged direct sunlight
- Keep away from strong acids and bases
- Keep out of reach of children
- Shelf life: 12 months from date of manufacture when stored correctly

SECTION 8: Exposure controls/personal protection.**8.1 Control parameters:**

- No specific UK WELs are known to apply to the product as supplied
- If the cured product is sanded, abraded or cut, dust control should be addressed in the site risk assessment. Workplace dust exposure should be controlled in accordance with UK Workplace Exposure Limits (EH40/2005 as amended):
 - Inhalable dust: 10 mg/m³ (8-hour TWA)
 - Respirable dust: 4 mg/m³ (8-hour TWA)

8.2 Exposure controls:**Engineering controls:**

Use with adequate ventilation

Personal protective equipment:**Respiratory protection:**

- Normally not required under normal use conditions
- If spray mist is generated, sanding occurs, or ventilation is inadequate, use suitable respiratory protection conforming to BS EN 149 (FFP2 or higher) or equivalent
- Where dried coatings are sanded, abraded or cut, a task-specific COSHH assessment should be carried out and appropriate dust controls applied

Eye/face protection:

- Safety goggles conforming to BS EN 166 (or face shield)

Hand protection:

- Chemical-resistant protective gloves conforming to BS EN ISO 374 (e.g. PVC or nitrile gloves)

Skin protection:

- Protective clothing (long-sleeves or apron)

Hygiene:

- Remove contaminated clothing and wash before reuse
- Always wash hands after handling
- Do not eat, drink or smoke during use

SECTION 9: Physical and chemical properties.**9.1 Information on basic physical and chemical properties:**

Property	Value
Appearance:	Thixotropic liquid
Colour:	Grey
Odour:	Mild
Specific gravity (20±2°C):	1.30 ± 0.10
Solid content:	60 ± 3%
pH (wet mix):	7 – 10
Viscosity (20±2°C):	30,000 – 50,000 cP
Boiling point:	> 100°C
Flash point:	Not applicable (water-based product)
Vapour pressure:	Not applicable
Auto-ignition temperature:	Not applicable
Explosive properties:	Not explosive
Oxidising properties:	Not oxidising
Water solubility (20°C):	Dispersible in water

SECTION 10: Stability and reactivity.

- Stable under recommended storage and handling conditions
- Avoid frost, excessive heat and prolonged direct sunlight
- Avoid contact with strong acids, strong alkalis and strong oxidising agents
- Thermal decomposition may generate oxides of carbon and other decomposition products

SECTION 11: Toxicological information.**11.1 Information on toxicological effects:**

Likely routes of exposure:	Eyes, skin, inhalation
Acute toxicity:	Based on available information, the product is not expected to present significant health hazards when used in accordance with recommendations. Low acute toxicity is expected
Skin:	Causes skin irritation
Eyes:	Causes serious eye irritation
Inhalation:	Inhaling spray mist may cause transient respiratory discomfort
Sensitisation:	No sensitisation expected based on available information
Mutagenicity:	No indication of mutagenic effects based on available data
Carcinogenicity:	No indication of carcinogenic effects based on available data
Reproductive toxicity:	No indication of reproductive toxicity based on available data

SECTION 12: Ecological information.

- Ecotoxicity: No specific ecotoxicity data available
- Persistence and degradability: No specific data available
- Mobility: Dispersible in water
- Bioaccumulative potential: No significant bioaccumulation expected
- Other adverse effects: None known

- Prevent uncontrolled release into the environment

SECTION 13: Disposal considerations.

13.1 Waste treatment methods:

Waste disposal:

- Dispose of contents, containers and waste in accordance with applicable local and national regulations
- Do not discharge into drains, sewers, watercourses or soil

Product waste:

- Allow material to dry before disposal where possible
- Dispose of cured material as construction waste in accordance with regulations
- Collect any liquid waste in labeled containers for approved disposal

Packaging waste:

- Rinse and recycle empty containers where facilities exist
- Dispose of contaminated packaging in accordance with local contractor guidance and applicable UK waste rules
- Do not reuse containers for other purposes

SECTION 14: Transport information.

- Not classified as dangerous goods for transport under ADR, RID, IMDG or IATA regulations

SECTION 15: Regulatory information.

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

- Prepared in accordance with UK REACH (as amended) and GB CLP Regulation
- Health and Safety at Work etc. Act 1974
- COSHH Regulations 2002 (as amended)
- Workplace exposure risks should be assessed in accordance with the COSHH Regulations 2002 (as amended) where required
- No additional restrictions or licensing requirements are currently known to the supplier based on available information
- No SVHCs are present above applicable reporting thresholds

SECTION 16: Other information.

16.1 Indication of changes:

This is the first issue of this SDS. Any future updates will be recorded here or in relevant sections.

16.2 Abbreviations and acronyms:

ADR: Agreement on Dangerous Goods by Road
 CAS: Chemical Abstracts Service
 CLP: Classification, Labelling and Packaging
 COSHH: Control of Substances Hazardous to Health
 cP: centipoise
 EC: European Community
 EH40: HSE Workplace Exposure Limits
 EN: European Standard
 FFP2: Filtering Face Piece 2
 GB: Great Britain

GB CLP: Great Britain Classification, Labelling and Packaging Regulation
 IATA: International Air Transport Association
 IMDG: International Maritime Dangerous Goods Code
 ISO: International Organisation for Standardisation
 NHS: National Health Service
 NPIS: National Poisons Information Service
 PBT: Persistent, Bioaccumulative and Toxic
 PPE: Personal Protective Equipment
 PVC: Polyvinyl Chloride
 REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals
 RID: Regulations concerning the International Carriage of Dangerous Goods by Rail
 SCBA: Self-Contained Breathing Apparatus
 SDS: Safety Data Sheet
 SVHC: Substance of Very High Concern
 TWA: Time-Weighted Average
 UK: United Kingdom
 UK REACH: Retained Registration, Evaluation, Authorisation and Restriction of Chemicals
 vPvB: very Persistent and very Bioaccumulative
 WEL: Workplace Exposure Limit

16.3 Training advice:

- Safe handling of water-based coating systems
- Use of appropriate PPE during mixing and application
- Correct application techniques and surface preparation requirements
- Spill prevention and environmental protection awareness

16.4 Further information:

- **REGULATORY NOTE (UK):** This Safety Data Sheet is issued for health, safety and environmental guidance only and does not constitute a performance specification or guarantee of suitability for any particular application. Final regulatory status and any obligations arising under the Construction Products Regulations 2013 (as retained and amended in Great Britain) will depend on the product's final classification and intended use
- Application conditions, substrates, and site practices are outside the manufacturer's control, and it remains the user's responsibility to assess product suitability prior to use and ensure compliance with applicable regulations, standards, and site requirements
- This product is supplied as a liquid-applied surface coating for maintenance, refurbishment and surface protection applications. It does not form a tanking system and is not presented as a structural waterproofing system, certified roofing system, engineered membrane assembly or project-specific specification unless expressly stated otherwise
- This information may be updated without notice. Users should always refer to the latest Technical Data Sheet and Safety Data Sheet before use

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Revision comments: This is the first issue.	Reason for revision: Not applicable

End of Safety Data Sheet