



TECHNICAL DATA SHEET

PRODUCT: POLYVINE STONE & BRICK PROTECTOR EXTERIOR INTERIOR

PRODUCT DESCRIPTION

Stone and brick protector is a high performance water-based masonry protector and water repellent. The constituents in the product react chemically with the carbon dioxide in the air, forming an insoluble resin to protect the masonry surface. Protection of the surface begins immediately after application and the chemical reaction will be complete in approximately 24 hours.

Ideal for use on: Stone, Plaster, Brick, Slate, Flagstones, to give a durable clear protection with a high degree of resistance to stains and water.

Stone and brick protector will penetrate into porous substrates. After application water/moisture, oils, mild chemicals cannot penetrate. Mould and fungal growth will also be suppressed.

Dries to a dead flat finish, which retains the natural appearance of the substrate in such areas as Fireplaces, Exposed Stone walls, Flagstones, Brick walls and Stone window ledges.

UNIQUE QUALITIES

- * Waterproofs brick and stone.
- * On natural masonry, such as limestone and sandstone, pre-casted and ceramics, Suppresses the formation of salt deposits on the masonry surface. Also improves the weatherability.
- * Acts as a moisture barrier by sealing off the surface.
- * Does not allow the penetration of grease, oil, acids, alkaline and salts.
- * Spillages or dirt can easily be cleaned with mild soap and water.

SURFACE PREPARATION

Ensure the surface to be coated is clean and free from grease, wax or polish and contamination.

For stone and brick surfaces clean with power washing, where possible. Allow the surface to fully dry before treating. Any prior surface treatment, such as paint, must first be removed.

Remove by scraping, grinding or by applying suitable removers.

APPLICATION

Do not use in temperatures below 5degrees C / 40degrees F or in very high humidity.

Stone and brick protector should be used as supplied without dilution by brush, spray or roller. Shake well before use.

For general applications on masonry, brickwork and stone, a single application will be sufficient.

CAUTION

Do not allow to pool in crevices. Test for clarity over dark colours. . Apply evenly do not allow to pool. Always test on a trail area before application.

NOTE A chemical reaction could take place on some substrates such as glass, glazed surfaces, lead or aluminium, mask these materials before application. In case of contact, rinse thoroughly with water immediately.
Stone and brick protector must be applied to a test area before application.

DRYING TIME.

1-2 hours depending on temperature

COVERAGE

1 litre covers 15m² - 20m² for smooth surface. Rougher surfaces will reduce coverage rate.

CLEAN UP

Any equipment used can be cleaned using soap and water before the product dries. Wipe any excess off surfaces with a damp cloth.

FILM PROPERTIES

DRY FILM: Dead Flat

DRYING TIME: approx. 1 hour @ 20degrees C/70degrees F

CURE TIME: approx. 24 hours @ 20degrees C/70degrees F

HARDNESS: High resistance

NON YELLOWING

RESISTANT TO: Water, Wine, Chemical, Detergent, Stains etc.

PACKAGING

1L/1QT, 4L/1GAL plastic containers

STORAGE

Store in unopened containers in a cool dry place away from direct sunlight.

HEALTH SAFETY AND THE ENVIROMENT

Non-hazardous. Ensure good ventilation. Keep out of reach of children. Contact with eyes-wash immediately with warm water. Remove excess from tools and mixing vessels before washing in warm soapy water. Do not empty containers into drains or watercourses.

The information supplied herein is accurate to the best of our knowledge. Since conditions and methods are beyond our control, no warranty is expressed or implied. You are advised to access the suitability of the product on a test area before application

Further information may be obtained from:

POLYVINE LIMITED
Severn Distribution Park
Sharpness, Berkeley,
Gloucestershire.
GL13 9UQ
United Kingdom

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International +44 845 017 1671
Fax: 0845 017 1672
Email info@polyvine.co.uk

Date of issue: May 2013



MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF PRODUCT AND COMPANY

PRODUCT **STONE AND BRICK PROTECTOR**

COMPANY: **Polyvine Limited**, Severn Distribution Park, Sharpness, Berkeley, Glos. GL13 9UQ UK
Emergency Telephone 0845 017 1671 International +44 845 017 1671

2. COMPOSITION

Chemical characterisation:

Not a hazardous substance or mixture according to EC-directives 67/548/EEC or 1999/45/EC.

The product does not need to be labelled in accordance with EC directives or respective company laws

3. HAZARDS IDENTIFICATION

On available data this product has no hazard classification according to 88/379/EEC.

4. FIRST AID MEASURES

GENERAL: Immediately remove all contaminated clothing. In all cases of doubt, or when symptoms persist, seek proper 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 stopped, administer artificial respiration. Giving nothing by mouth. If unconscious place in recovery position and seek medical advice.

EYE CONTACT: Holding eyelids apart, flush copiously with clean, fresh water for at least 10 minutes and seek medical advice.

SKIN CONTACT: Remove contaminated clothing. Wash skin thoroughly with soap and water or use recognised skin cleaner.

DO NOT use solvents or thinners.

INGESTION: If accidentally swallowed obtain medical attention. Keep at rest. **DO NOT** induce vomiting.

5. FIRE-FIGHTING MEASURES

Aqueous dispersions will not burn. Dried films are combustible and may emit noxious fumes. Water, foam, carbon dioxide or dry powder extinguishers are all suitable. Wear breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Spillage should not be washed into any drain. Spillage should be soaked up with an inert absorbent (e.g. sand) for disposal.

7. HANDLING AND STORAGE

HANDLING

This product should be handled in accordance with good safety and hygiene practices. Small levels of volatile organic compounds may accumulate in the headspace of containers, which should be opened in ventilated surroundings.

STORAGE Sealed containers should be stored between 5 C and 40C. Bulk tanks should be externally vented.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

EXPOSURE CONTROLS

Local exhaust ventilation may be required in circumstances where the product is sprayed, heated or dried.

PERSONAL PROTECTION

Respiratory	-	Masks, when spraying
Hand	-	Gloves, if risk of skin contact
Eye	-	Goggles, if risk of splashing
Skin	-	Standard industrial overalls if splashing

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9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	-	Clear liquid
Odour	-	Mild
PH	-	4-6.0
Boiling point	-	Approx. 100C (as water)
Flammability and Autoignition temp		N/A
Vapour pressure	-	23 mbar as water
Water solubility	-	Fully miscible
Relative density	-	Approx. 1.03 at 20 C (ISO 8962)

10. STABILITY AND REACTIVITY

This product is stable under normal conditions of use.

11. TOXICOLOGICAL INFORMATION

INHALATION - May be irritating to respiratory system

INGESTION - May be harmful if swallowed

SKIN CONTACT- may cause skin irritation

LONG TERM EXPOSURE - No information available

12. ECOLOGICAL INFORMATION

Do not empty into waters and drains.

13. DISPOSAL INFORMATION

Product recommendation: Do not allow into drains or watercourses.

Empty containers are to be disposed according to official rules.

Contaminated packaging recommendation: Contaminated packaging must be emptied of all residues and, following appropriate cleaning, may be sent to approved recycling plant. Uncleaned packaging must be disposed of in the same manner as the medium.

14. TRANSPORT INFORMATION

This product is not classified hazardous for transportation.

15. REGULATORY INFORMATION

EEC Hazard Classification - None

The product contains only substances, which are on the European Inventory of Existing Chemical Substances (EINECS).

16. OTHER INFORMATION

The information provided in this Safety Data Sheet is based on data provided by sources considered to be reliable. This data is intended to enable safety assessment to be made and should not be construed as guaranteeing specific properties. Users are recommended to consult technical information sheets for advice on specific applications.

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