



1. Product description

A pasty, water emulsifiable mixture containing no CFCs, chlorinated hydrocarbons or aromatic hydrocarbons. Product is 100% Biodegradable.

2. Field of application

Removal of emulsion and latex coatings based on styrene and pure acrylate resins, acrylic resin paints, crack-bridging systems and synthetic resin renders.

3. Product properties

Composition

Esters, aliphatic hydrocarbons, diethylene glycol ethers, anionic surfactants and thickeners.

Material characteristics

- Density: approx. 1 g/cm³
- pH-value: approx. 7.5 at 10 g/l in water
- Flashpoint: > 60°C / 140°F
- Total VOCs: 300.7 g/l (ISO 11890-2)
- Biodegradable

Color shade

Yellowish

4. Application instructions

KEIM Bio Stripper (Dispersionsentferner) is an aromatic-free ready-to-use product. Apply a uniform saturation coat with a soft natural bristle brush (do not use synthetic brushes), lambswool roller or sprayer, spraying from bottom upwards.

The ideal exposure time should be determined on a trial area:

Typically emulsion coatings are dissolved within 3 up to 6 hours. A longer exposure time may be

required for thicker systems (multilayer coatings, crack-bridging systems, synthetic resin renders); if possible cover with plastic and allow to work overnight.

Especially with thicker or highly absorbent coatings, if the stripper film becomes matt without dissolving the undermost layer (test with scraper), apply another coat wet-on-wet.

Remove with a high-pressure hot water jet (80–90°C/176–194°F and approx. 100 bar/1450 psi) or mechanically with a scraper. Hot water treatment should always be performed from the bottom upwards. Remove interior coatings with a scraper and wash down with a sponge.

Application conditions

20°C/68°F is the ideal application temperature. Lower temperatures lengthen the necessary exposure time. Higher temperatures accelerate product reaction time, but shorten open time. Exposure to direct sunlight and strong winds should be avoided. Any areas that may become dried out can be dissolved by recoating.

Consumption

300 – 500 g/m² (.3–.5 kg/10sq.ft.) for 1 – 2 ordinary coats of emulsion; or 1000 g/m² (1 kg /10 sq.ft.) for crack-bridging systems, coated synthetic resin renders and multilayer coating systems.

Precise consumption values must be determined on the surface being treated.

Cleaning of tools

Clean with water immediately after use.

5. Packaging

5 kg and 25 kg containers



6. Storage

Aromatic-free KEIM Bio Stripper (Dispersionsentferner) has a shelf life of approx. 6 months in a sealed container under cool, frost-free conditions. Store in a well-ventilated place, protected from heat (no higher than 35°C/95°F) and direct sunlight. Keep away from sources of ignition.

7. Hazardous substances ordinance class

- S 2: Keep out of reach of children
 S 23: Do not breathe aerosol.
 S 46: If swallowed, seek medical advice immediately and show this container label.
 S 51: Use only in well-ventilated areas.

8. Transport hazard class

n/a

9. Disposal

Product: EC Waste Code No. 08 01 11

Any residues must be emptied out before recycling.

Paint sludge: EC Waste Code No. 08 01 17

10. Safety instructions

Wear suitable gloves and eye/face protection to protect the eyes and skin while working. Wash off any splashes on the skin immediately with water. In case of contact with the eyes, rinse immediately under running water and seek medical advice. Any splashes on clothing, surrounding surfaces and traffic areas must be cleaned immediately with plenty of water and removed.

Do not spray onto hot articles or into open flames. When using, do not eat, drink or smoke. Keep out of reach of children.

Any waste water arising during hot water treatment must be collected and separated from the solids.

Depending on their composition, stripped residues of non-toxic emulsion paints may be treated as household or hazardous waste.

Toxic paint sludge containing heavy metals is, for example, classed as hazardous waste. The collected washing water must be disposed of in accordance with official regulations. Washing water must not be allowed to run into the sewer system or free waterways.

For interior use

Only use KEIM Bio Stripper in a permanently well-ventilated area with good air exchange. During the exposure time, place polyethylene plastic over the Bio Stripper coated working area. Ensure good ventilation before, during and after application. Wash down carefully.

Appropriate protection (e.g. masking) must be provided for any areas which are not to be treated, especially painted and plastics surfaces. Materials such as glass, copper and aluminum are not attacked.

Product code: M-AB 20

UBA No.: 41290002

The stated values and properties are the result of extensive development work and practical experience. Our recommendations for application, whether given verbally or in writing, are intended to provide assistance in the selection of our products and do not establish a contractual relationship. In particular, they do not release those purchasing and applying our products from the duty of establishing for themselves, with due care, the suitability of our products for the intended application. Standard building industry practices must be complied with. We retain the right to make modifications to improve the products or their application. This edition supersedes all earlier editions.

