

TECHSIL® SILSTRIP LIQUID

Techsil® Silstrip Liquid is ready-to-use, no diluting or heating is required. Techsil® Silstrip Liquid is safe, low odour, low evaporation, high flash point, minimal hazard rating and has biodegradable actives

Techsil® Silstrip Liquid chemically digests cured and uncured silicone elastomers and polymers, making them easily water or solvent rinseable.

Techsil® Silstrip Liquid Readily digests silicone. Does not contain halogenated solvents, does not contain heavy metal or cyanide nor does not contain water

Application

May be used on aluminium* and its alloys, copper and its alloys, iron and steels, glass and ceramics, epoxy composites etc without adverse effect, has little attack on rubber and other elastomers. Has little effect on most painted surfaces *except coloured, anodised aluminium. It is advisable to always test a small area before use.

For thin layers of silicone, rub with a cloth wetted with Techsil® Silstrip Liquid. Pre-clean with solvent to remove excess oil or grease. If great amounts of silicone are to be removed, use two tanks: one to remove most of the silicone, the other to complete the digesting operation.

Contamination with water or oxygenated solvents such as alcohols or ketones must be avoided. Even at low levels of contamination, the ionic state of Techsil® Silstrip Liquid changes irreversibly. This will prevent its action as a silicone "digestant", and may cause it to affect other materials.

Techsil® Silstrip Liquid will attack nylon (polyamide). Use PTFE (for tubing, seals, pipe work, etc). If in doubt, always test polymers with a small quantity. Please contact Techsil for further information

(1) Immersion

(for recovery of expensive metallic components)

Put Techsil® Silstrip Liquid into a stainless steel, or polypropylene tank, H.D.P.E. or mild steel are satisfactory for short term use and glass may be used for laboratory or small scale work. If a lid is fitted it will help cut down on losses by evaporation, and will minimise the risk of contamination by other liquids.

Immerse the parts to be stripped in Techsil® Silstrip Liquid and leave it to soak for between 1 to 6 hours or overnight if necessary. Agitation of the system will enhance the digestion effect (i.e. immersion time will be reduced).

Remove from the tank and drain. Rinse, with water, hydrocarbon or chlorinated solvent. Do not discharge Techsil® Silstrip Liquid, or rinse products, drains or waterways without approvals from relevant Authorities.

The presence of water reduces the effect of Techsil® Silstrip Liquid

(2) Equipment cleaning

Extrusion and moulding machinery, DPC injection pumps, sprayers, sealant dispensers, etc, should first be flushed with White Spirit. Techsil® Silstrip Liquid should then be circulated in the equipment for at least 10 minutes. (Do not discharge the washings into clean Techsil® Silstrip Liquid.

(3) Removal of excess or over sprayed masonry treatment

(Such as non aqueous silicone preparations for water repellence and anti-graffiti purposes)

Coat affected areas (window panes, frames, sills etc.) and allow about a 10 minutes dwell.

Application can be by brush or cloth, using a vigorous scrubbing action. Wash off with White Spirit or with plenty of water. Repeat if necessary.

Techsil® Silstrip Liquid is irreversibly denatured by water: ensure surfaces are dry. Always test a small area before use to ensure compatibility

Contact Details

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(4) REMOVAL OF SILICONE OIL STAINS

(from building facades, due to leaching of silicone oil from silicone sealants into unprepared, absorbent materials)

Remove the silicone sealant.

Apply Techsil[®] Silstrip Liquid to all possible surfaces. Repeated applications may be necessary, depending on the porosity of the substrate and the depth and severity of the staining.

Protect from rain and leave overnight, or for a few hours. Thoroughly rinse off with copious amounts of water (use of a pressure washer is a good idea). Allow to dry, repeat if necessary.

Always test a small area, including run down and pavement surfaces, before overall use.

Storage

Techsil[®] Silstrip Liquid should be stored between 0°C to 30°C. Please note that Techsil[®] Silstrip Liquid may darken with age.

DISCLAIMER

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy themselves as to the suitability of such information for their particular use.

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