



PennWhite

Silstrip NHLO

low odour solvent/remover for silicones

technical data sheet

Silstrip NHLO is ready-to-use: no diluting or heating required. **Silstrip NHLO** is safe (see Health and Safety Information); low odour, low evaporation, high flash point, minimal hazard rating, biodegradable actives.

Silstrip NHLO chemically digests cured and uncured silicone elastomers and polymers, making them easily water or solvent rinsable.

Silstrip NHLO Readily digests silicone. Does not contain halogenated solvents. Does not contain heavy metal or cyanide. 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 **Silstrip NHLO**. Preclean 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 **Silstrip NHLO** changes irreversibly. This will prevent its action as a silicone "digestant", and may cause it to affect other materials.

Silstrip NHLO will attack nylon (polyamide). Use PTFE (for tubing, seals, pipework, etc). If in doubt, always test polymers with a small quantity. Please contact PennWhite Ltd for further information

(A) IMMERSION

(for recovery of expensive metallic components)

Put liquid **Silstrip NHLO** 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 **Silstrip NHLO** 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 **Silstrip NHLO**, or rinse products, drains or waterways without approvals from relevant Authorities.

The presence of water reduces the effect of SILSTRIP@NHLO.

(B) EQUIPMENT CLEANING

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

(OPA2/F2)

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**For additional technical or safety advice call us
on 01606 734820 or email info@pennwhite.co.uk**

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(C) REMOVAL OF EXCESS OR OVERSPRAYED MASONRY TREATMENT

(non aqueous silicone preparations for water repellency and antigraffiti 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.

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

(D) 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 **Silstrip NHLO** 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

At least 6 months in original unopened containers. Store between 0 deg C to 30 deg C. **Silstrip NHLO** may darken with age.

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