

technical data sheet

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Description

Silstrip® NHLO chemically digests cured and uncured silicone elastomers and polymers, leaving their remnants easy to rinse away with water or solvent.

Applications

Silstrip® NHLO may be used to remove silicone on uncoated aluminium and its alloys, copper and its alloys, iron and steels, glass and ceramics, epoxy composites without adverse effect. It will also remove silicone overspray on masonry and silicone oil stains on porous materials. Silstrip® NHLO has little impact on rubber and non-silicone elastomers or most painted surfaces. It is advisable to always test a small area before use.

Product Features

Silstrip® NHLO is a safe, low odour formulation that does not contain halogenated solvents, heavy metals, cyanide or water. It has a high flash point, minimal hazard rating and its active substances are biodegradable. Silstrip® NHLO does not contain dichloromethane.

Method of Use

Silstrip® NHLO is ready-to-use, no diluting or heating is required. Surfaces to which Silstrip® NHLO will be applied should be cleaned with a solvent to remove any oil or grease and must be dry. To remove thin layers of silicone, rub with a cloth wetted with Silstrip® NHLO.

To remove silicone from delicate or complex components a stainless steel, polypropylene or glass tank should be filled with Silstrip® NHLO. Immerse the components and leave it to soak for between 1 to 6 hours, or overnight if necessary. Remove from the tank, drain and rinse, with water, hydrocarbon or chlorinated solvent.

To remove silicone from extrusion and moulding machinery, DPC injection pumps, sprayers, sealant dispensers, the equipment should first be flushed with white spirit. Silstrip® NHLO should then be circulated in the equipment for at least 10 minutes.

Contamination with water or oxygenated solvents must be avoided as this will render Silstrip® NHLO inactive and may cause it to affect other materials. Silstrip® NHLO will attack nylon (polyamide) and may have a softening effect on some non-silicone sealants. Do not discharge Silstrip® NHLO, or washings in to drains or waterways without approvals from relevant authorities.

Product Safety

A Safety Data Sheet compliant with EU 2015/830 is available for Silstrip® NHLO on request. It contains any safe handling guidelines that may be relevant to this product.

Storage, Shelf Life & Packaging

Silstrip® NHLO has a shelf life of 12 months when stored in original and unopened containers between 5°C and 30°C. Some darkening may occur during storage.

Approvals

- Loctite; effective removal of silicone material from instruments and equipment (1991)
- Wacker; efficient cleaning agent for silicone rubber (1992)
- Severn Trent Water; safe discharge of rinse waters to foul sewers (1992)
- Interpon; no impairment of powder coated surfaces (1994)
- Dunlop, Precision Rubber Division; removal prior to recoating of metals (1995)
- Sissons; suitable for use on grade 304 stainless steel (1997)
- Akzo Nobel; removal of silicone spray polish from substrates (1999)

Typical Properties

- Appearance: Amber tan liquid
- Solids: 8.9 – 9.9 %

Please note; these are typical properties only and should NOT be construed or used as a specification for this product.

(OPM3/D3)

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This product is manufactured in a facility whose Quality Management System is certified as being in conformity with ISO 9001:2015 by Intertek Certification Ltd.



This product is manufactured in a facility which operates in line with the Chemical Business Association's Responsible Care program.

Technical Support Contact Details

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