

technical data sheet

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Description

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

Applications

Silstrip® NH 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® NH 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® NH 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® NH does not contain dichloromethane.

Method of Use

Silstrip® NH is ready-to-use, no diluting or heating is required. Surfaces to which Silstrip® NH 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® NH.

To remove silicone from delicate or complex components a stainless steel, polypropylene or glass tank should be filled with Silstrip® NH. 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® NH should then be circulated in the equipment for at least 10 minutes.

Do not discharge Silstrip® NH, or washings in to drains or waterways without approvals from relevant authorities.

Contamination with water or oxygenated solvents must be avoided as this will render Silstrip® NH inactive and may cause it to affect other materials. Silstrip® NH will attack nylon (polyamide) and may have a softening effect on some non-silicone sealants.

Product Safety

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

Storage, Shelf Life & Packaging

Silstrip® NH 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

- Scientific Material International; silicone remover, aircraft turbine engine components, AMS1386 (1989)
- Rolls Royce; approved for overhaul and repair, OMat number 1/142E (1990)
- Severn Trent Water; safe discharge of rinse waters to foul sewers (1992)
- Rolls Royce Aerospace; silicone digester, OMat number 1/142E (1996)

Typical Properties

- Appearance: Amber dark tan liquid
- Solids: 18.0 – 19.9 %

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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Page 1 of 1



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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