



Simplifying Maintenance, Construction and Repair

Food Industry



YOUR PARTNER IN THE FOOD INDUSTRY!

Novatio is an international player that operates globally in 28 countries. Since 1978, Novatio has been providing quality solutions for maintenance and repair in transport, construction and industry.

A family-run Belgian company, Novatio attaches great importance to customer satisfaction. Our R&D department in Olen proactively does research into new developments and needs of our customers.

Specifically for the food industry, Novatio offers a range of NSF- and EC1935-certified food-grade products including cleaning agents, lubricants, adhesives, epoxies, etc.

The food industry advisers of Novatio have been trained in both the technical and formal areas (certifications and regulations) of the food industry. This allows us to help you make an informed choice on the best-suited products for your maintenance and HACCP plan.

Why choose Novatio?

- Quality, customer focus and innovation are among our core values.
- Integrity: transparent communication, we do what we say and say what we do.
- Engagement: Novatio provides specific products for specific applications, enabling our customers to operate effectively and profitably.



Novatio is committed to quality, environmental care and safety. As such, we work according to ISO 9001-, ISO 14001- and OHSAS 18001-certified quality procedures.



Novatio as partner for the food industry

Novatio strengthens your business in these three key areas

1.

Economics, Ergonomics and Ecology

The Novatio approach helps you work in a more efficient, simple and qualitative way. Our Food Industry specialists assist you with effective advice on machine maintenance, cleaning and repairs.

Novatio products ensure performance and yield are increased, so that personnel costs can be optimised. Moreover, you work more ecologically sound by minimising the use of chemicals.

2.

Effective maintenance, fast remediation

Any downtime in the food industry can have great financial and logistical consequences. Novatio's preventive approach reduces machine failure drastically.

The Novatio approach also saves time on cleaning machines and facilities, allowing you to switch quickly between production runs. And if anything does go wrong, our experts are available in no time to help resolve the issue quickly.

3.

Certificates and standards

No industry is as heavily regulated as the Food Industry, with strict requirements for the self-regulation of the HACCP procedures. Several rules and regulations must be followed closely, both at EU and national level.

The certified Novatio products can be used safely without additional administrative issues. Our technical advisers help the staff in your organisation to give the right products a place in your HACCP plan.

Always the perfect solution for every use.

The Novatio range comprises more than 300 products for professional and industrial use. A selection of both food-grade certified and non-certified products was made specifically for the food industry. These products range from adhesives, lubricants and cleaning agents to electrical connectors, epoxies and technical tapes.

FOOD CERTIFICATES: NECESSARY OR A NECESSARY EVIL?

The Food Industry is one of the most regulated economic sectors. This sometimes complicates the work and, at the same time, ensures that food safety today is at an extremely high level. Even though 'scandals' are occasionally reported in the media, the number of hospital admissions or fatalities due to food poisoning has never been as low as it is today.

The basis of food safety is the assurance that the stringent food safety standards are adhered to throughout every step of the chain. That assurance translates into a system of certificates.

The system can stand on its own as part of the quality and HACCP plan. But it can also be embedded in a specific food safety system, such as ISO 21469, BRC or IFS.

Novatio offers different food safety certificates for its products:

- NSF (USA)
- EC 1935:2004 (EU)
- LFGB (DE)

RELEVANT NSF CATEGORIES

CATEGORY	NSF CODE	INTENDED USE
Cleaning agents	A1	General cleaning agent
	A2	Cleaning by immersion, steam cleaners or mechanical cleaners
	A3	Acid cleaning agent
	A4	Floor and wall cleaning agent
	A5	Floor and wall cleaning agent for cold stores and freezers
	A6	Cleaning agent with abrasives
	A7	Metal polish- no food contact
Products for use outside production areas	C1	General use
	C2	Toilet/ locker room
	C3	Paint removal
Lubricants	H1	Lubricant with incidental food contact
	H2	Lubricant without incidental food contact
	H3	Soluble oils
Solvent cleaners	K1	Solvent cleaner for use outside production areas
	K2	Cleaners for electronic instruments
	K3	Removal of adhesives
Miscellaneous	P1	Miscellaneous products

Novatio PRODUCTS WITH CERTIFICATION

Product	Certification
Belt Spray H1	NSF H1
Chain lube H1	NSF H1
Inox Pro	NSF A7, C1
Lubricant H1	NSF H1
Maintenance spray H1	NSF H1
Multifoam FS	NSF A1
Novakleen pH13	NSF A1
Novakleen pH9	NSF A1
Novalube Ceramic H1	NSF H1
Safety Clean FS	NSF K1
Silicone spray H1	NSF H1
Silgrease H1	NSF H1
Seal & Bond MS60	ISEGA EU 1935/LFGB
Seal & Bond MS24 ICE	ISEGA EU 1935/LFGB
Seal & Bond MS Construct	ISEGA EU 1935/LFGB
Seal & Bond MS40 Trans	ISEGA EU 1935/LFGB
Seal & Bond MS40 Alu	ISEGA EU 1935/LFGB

NSF International

Nonfood Compounds Program Listed (Category H1)

(Registration Number 140737)

NSF is an American organisation that plays a leading role in US Food Safety regulatory compliance. It is the official partner of the WHO (World Health Organisation). NSF is known for its product classification in accordance with the “non-food compounds registration programme”.

In this programme, consumables such as cleaning agents, lubricants and protective agents are given a clear code indicating how and where they may be used in the production process. Certain products can be used everywhere, other products are not allowed to be used in a production area, or are not allowed to be used in the presence of foods.

Important: the codes only show a product class, without a value assessment. In other words, a H1 lubricant is no better or worse than a H2 lubricant. The use and the conditions are clearly described on the certificates of each product, which are freely available on the NSF website.



HACCP

Hazard analysis and Critical Control points

HACCP is an internationally used monitoring process for food production, from farmer to consumer. HACCP is aimed at preventing the spread of diseases throughout the food chain.

Every food producer and food handler must have a HACCP Plan in place that identifies the hazards and risks of contamination in the production chain and sets out a procedure with critical checkpoints to prevent those hazards and risks. HACCP is a circular process in seven steps, with the purpose of permanent process improvement.

HACCP stands for a work procedure, not for a certification. As such, there are no HACCP-certified or HACCP-conforming products.

The composition of the Novatio food-grade cleaning agents makes them suitable to be used in a HACCP-conforming cleaning process. This means that they:

- do not contribute to a risk of biological contamination
- do not contain prohibited or toxic products
- do not leave traces of colour or odour on the surface
- are effective in the removal of organic and chemical contaminants



European legislation

EC 1935:2004 / LFGB

EC 1935 is the European legislation for all ‘food contact materials’. It provides standards, testing methods and general guidelines for assessing whether a material is suitable for (direct) contact with foodstuffs. Suitable materials can be recognised by the ‘glass and fork’ logo.

The German LFGB regulation is for a large part identical to the EU legislation.

Novatio products are tested for EC 1935 and LFGB conformity by the specialised German testing and certification institute ISEGA.



Food certification: A paper mountain?

Many products are available in both food-certified and non-certified versions. The difference between the two is more than just an administrative matter.

Food-certified products are strictly limited in the use of a long list of chemicals.

In practice, this means modified raw materials are used in the formulation of the products, which adds considerably to the cost.

What's more, the products are regularly tested in the manufacturing stage as well as the subsequent logistical stages by means of internal (ISO 9001) and external audits. All this gives the end user the guarantee of a safe and high-quality product.

Reducing the fault margin: Single Product Policy!

The difference in price of a food-certified and a non-certified product can add up to 20 or even 30 percent. This makes it economically tempting to use the certified products in the production areas and then switch to the cheaper versions outside those areas.

Nevertheless, we're seeing that many companies are making the conscious choice for a so-called single product policy: wherever possible, only food-certified products are used throughout the entire company. This policy offers several advantages:

- No chance of making mistakes or of contamination
- Simpler administration and follow-up within the internal quality plan and HACCP plan.
- No need for separate storage and inventory management
- More attractive prices due to bulk buying

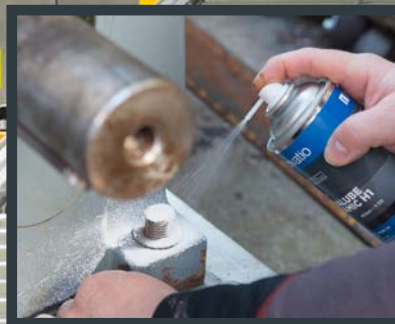
LUBRICANTS

NSF H1-certified lubricants: Best Practices

The NSF H1 category comprises all lubricants for use in food production, where 'incidental' contact with food may occur. Incidental should in this case be seen as 'unavoidable' or inherent in the application. All H1-inspected lubricants are free of toxic components and have been tested for possible migration of substances to foodstuffs. It is the task of the user to apply the lubricants in such a manner as to avoid or minimise every contact with food.

Therefore, these Best Practices should be followed:

- Targeted use: it is recommended, wherever possible, to apply the lubricants using a brush or by rubbing them on instead of spraying. Use a nozzle attachment to direct the lubricant wherever possible.
- Minimise the use of the product: use the minimum amount of lubricant needed to avoid dripping.
- Refresh regularly: Lubricants can often become sticky. This means they collect dust and organic residues over time, which could result in mould formation.
- It is therefore recommended to remove old lubricants regularly and to apply a fresh lubricant.



Novalube Ceramic H1 HIGH-QUALITY ANTI-SEIZING LUBRICATING AND PROTECTIVE PASTE

Metal parts are often exposed to difficult and extreme conditions: heat, cold, water, moisture and vapours, acids, bases, etc. Novalube Ceramic H1 forms a protective anti-corrosive layer on all metals. What's more, it has very long-lasting anti-seizing properties that make assembling and disassembling the parts a lot easier. Novalube Ceramic H1 is extremely temperature and pressure resistant, is chemically inert and does not affect metals, rubbers or plastics.

- Simplifies assembly and disassembly
- Protects against acids, salts, bases, temperature, etc.
- For all metals

Aerosol 400ml

Item N° 222101000

Pot 120gr

Item N° 222102000

The **Novatio** NSF-approved lubricants all **fall into the H1 category**.

This means they may be used in the food industry in areas where incidental contact with food is permitted. The high quality of the products allows for very precise dosing, drastically reducing contamination.

Lubricant H1 CLEAR SILICONE-FREE LUBRICANT SPRAY



This all-rounder feels right at home on the workbench of every maintenance engineer in the food industry. Lubricant H1 lubricates and protects in all possible circumstances. As it is anti-static, it doesn't attract dust particles that can become a source of contamination.

Lubricant H1 is used as temperature- and water-resistant lubrication for all gaskets, O-rings, rubbers, slide rods, guides, hinges, etc.

- Dust-free & anti-static lubrication
- Food-safe, thin-layered lubrication
- Prevents corrosion on metals
- Ultra-fine lubrication



Aerosol 400ml
Item no. 214601000

Silgrease H1 HIGH-TEMPERATURE SILICONE RESIN GREASE



Silgrease H1 is a 100% cold- and heat-resistant silicone resin grease that does not saponify. Silgrease H1 is non-conductive and resistant to food acids, alkaline solutions and temperatures from -40°C to +220°C.

It is a technician's first choice as gasket grease, in electronic applications, assembly grease for pipes, etc. Silgrease H1 seals rubbers and prevents rubber gaskets from freezing up in cold stores.

- Extremely resistant silicone resin grease
- Prevents rubbers from freezing up in freezer units
- Durable protection of electrical contacts

Tube 100gr
Item no. 20111000

Chain Lube H1 CHAIN AND LINK LUBRICANT

- Chain Lube H1 reduces friction and wear of moving chains and chain belt conveyors. It extends the life span, reduces friction noises and lowers the transmission forces, reducing the stress on engines and bearings.

Chain Lube H1 has strong water-repellent and protective properties that prevent corrosion, even in extremely harsh conditions. This increases the operational reliability and the lifespan of production lines.

- Extends the life of electric motors
- Protects against corrosion
- Reduces noise



Aerosol 400ml
Item no. 214501000



Belt Spray H1 SAFE LUBRICATION AGAINST STICK-SLIP

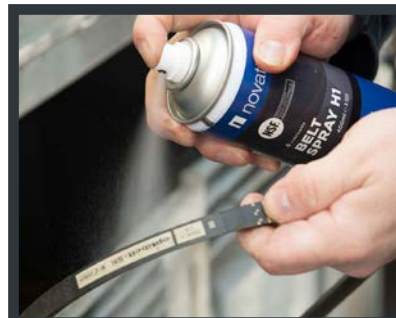
Belt Spray H1 is the perfect solution for slipping or creaking drive belts and conveyor belts. It prevents slipping and annoying stick-slip movements. At the same time, it ensures higher efficiency of the drive system.

Belt Spray H1 is anti-static and does not attract dust or dirt. It can be used safely on all V-belts, toothed belts and conveyor belts made of leather, rubber, silicone, etc.

- Anti-static lubrication of conveyor belts and drive belts
- Increases efficiency
- Stops jerking and slipping motions



Aerosol 400ml
Item no. 132501000



Maintenance Spray H1 A REAL ALL-ROUNDER!

Cleans, lubricates and protects. Maintenance Spray H1 is the Swiss army knife for maintenance engineers. It loosens what is stuck, dissolves grease and lubricants and dispels moisture. After application, what is left is a thin, invisible protective film that keeps corrosion and acid attacks at bay.

Maintenance Spray H1 is the highest-quality food-certified multi-spray. It can penetrate very deeply into narrow spaces and has strong moisture-repelling abilities. This makes it the first choice for protecting circuit boards and contacts against condensation.

- Protection of electrical contacts against moisture.
- Removal of old grease
- Cleans, lubricates and protects with one action

Aerosol 400ml
Item no. 232501000



Silicone Spray H1 UNIVERSAL THIN-LAYER LUBRICATION

Silicone Spray H1 is developed to lubricate and protect precision mechanical parts in the food industry. It offers a very effective and virtually invisible thin layer of lubricant. Furthermore, it protects surfaces against oxidation and aggressive chemicals from penetrating.

It can be used at temperatures from -50°C to +250°C.

Silicone Spray is highly water-repellent and has a very low surface energy, making it virtually impossible for dirt to attach to it.

- Lubrication and protection of precision-mechanical components
- Extremely water-repellent
- High temperature resistance



Aerosol 400ml
Item no. 201501000

PRODUCT	TYPE	PROPERTIES	CERTIFICATE
CHAIN LUBE H1	Lubrication of chains and chain belts	<ul style="list-style-type: none"> • Reduces stress on chain belts, extends the service life • Less noise 	NSF H1
BELT SPRAY H1	Reduces stick-slip	<ul style="list-style-type: none"> • Increases the efficiency of drive belts and conveyors • Stops jerking & slipping motions 	NSF H1
NOVALUBE CERAMIC H1	Ceramic lubrication & protection and mounting paste	<ul style="list-style-type: none"> • Protects metals against chemicals, temperature, moisture, etc. • Simplifies assembly & disassembly 	NSF H1
LUBRICANT H1	Transparent, anti-static all-round lubrication	<ul style="list-style-type: none"> • Silicone-free, anti-static • Excellent lubrication, even at high stress loads 	NSF H1
MAINTENANCE SPRAY H1	Superior food-certified multi-spray	<ul style="list-style-type: none"> • Cleans, lubricates and protects • Excellent moisture expulsion and protection 	NSF H1
SILICONE SPRAY H1	Universal silicone lubricating and protective agent	<ul style="list-style-type: none"> • Lubricates and protects precision-mechanical equipment • High temperature resistance (+250°C) 	NSF H1
SILGREASE H1	High-temperature silicone resin grease	<ul style="list-style-type: none"> • Durable protection of electrical contacts • Protects and nourishes rubbers 	NSF H1



CLEANERS

A clean workspace is the key to good food safety. This includes everything from removing minor spills during production, daily cleaning of surfaces to standard periodic maintenance or thorough cleaning after a crisis situation.

Novatio offers food-certified solutions for all types of contamination. Most cleaning agents may be used in and during the food production process. Some solvent cleaners, however, may not come into contact with foodstuffs.

The food legislation states that the surfaces must be rinsed with pure water after every cleaning session. It is important to check the purity of the rinse water regularly in order to avoid the water becoming a new source of contamination.

ERGO
SPRAY



Aerosol 500ml
Item no. 482501000



Multifoam FS FOAMING CLEANING SPRAY FOR ORGANIC CONTAMINANTS

The ideal companion for all local cleaning jobs. Multifoam FS is a powerful degreaser and cleaner for all organic contamination. The foaming effect sucks the dirt from the smallest pores. The product is also ideally suited for removing skin oils and fingerprints. At the same time, it is a very safe product that can be applied on all surfaces. Multifoam FS is perfect for preparing a surface before glueing.

- NSF A1
- Removes microcontaminants on smooth surfaces
- Works well on dried-on proteins and fats
- Perfect solution for fingerprints on glass, stainless steel, etc.



Safety Clean FS

THE SAFE SOLVENT CLEANER FOR THE FOOD INDUSTRY

Wherever oils, fats and glue residues are a problem, Safety Clean FS has the solution. It removes grease, tar, ink, silicone, wax, etc

Safety Clean FS is safe to use on most surfaces, works efficiently and dries quickly without leaving marks. Safety Clean FS is an effective degreaser and is safe to use as a solvent.

- NSF K1 solvent cleaner
- For the removal of glue residues, inks, non-polar greases
- Degreaser before glueing



Aerosol 500ml

Item no. 683501000

Can 5l

Item no. 683505000

Can 25l

Item no. 683525000



Novakleen pH13

POWERFUL HIGH-ALKALINE CLEANER

Novakleen pH13 offers the best solution for deeply embedded and dried-on stains and soils, heavy oils and greases or difficult, protein-rich residue. The extremely high pH value and the concentrated mix of industrial detergents and emulsifiers remove difficult-to-loosen deposits without having to resort to extreme pressure or temperature.

- NSF A1
- Strong penetrating effect
- Powerful and safe
- Biodegradable



Can 1l

Item no. 490010000

Can 5l

Item no. 490015000

Can 25l

Item no. 490025000

Drum 210l

Item no. 490200000

Inox-Pro

PROFESSIONAL PROTECTION OF ALL METALS

Inox-Pro cleans all smooth metal surfaces, makes them shine and protects them against oxidation and the effects of aggressive products.

It leaves a dry, shiny protective layer and creates an anti-static surface that ensures less dust and dirt is attracted. Inox-Pro can be applied on all metals: (stainless) steel, aluminium, copper, zinc, chromed or galvanised steel, etc.

- NSF A7 / C1
- Makes smooth surfaces anti-static
- Water-repellent



Aerosol 400ml

Item no. 480504000



Novakleen pH9 QUICK AND SAFE ALKALINE CLEANER

This all-round cleaner is perfectly suited for removing all organic residues in and around the production area. It is a concentrated, water-based alkaline cleaner with excellent cleaning properties on vegetable and animal fats, (freeze-dried) proteins and all carbohydrate- and fibre-rich deposits.

After allowing the cleaner to soak in for just a short time, Novakleen pH9 shows great results on stubborn dirt residues. It can be used in combination with high-pressure cleaners and steam and polishing machines. Novakleen pH9 is fully biodegradable and 100% safe for the user and all surfaces..

- NSF A1
- Powerful, professional and safe alkaline cleaner
- Specifically for all vegetable and animal dirt: fats, proteins, fibres, etc.
- Suitable for both manual and mechanical use



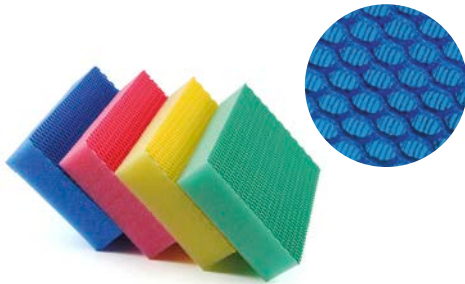
- Can 1l**
Item no. 490410000
- Can 5l**
Item no. 490415000
- Can 25l**
Item no. 490425000
- Drum 210l**
Item no. 490420000

PRODUCT	TYPE	PROPERTIES	CERTIFICATE
MULTIFOAM FS	Foam cleaner and degreaser	<ul style="list-style-type: none"> • Works well on organic contaminants • Removes fingerprints from surfaces 	NSF A1
SAFETY CLEAN FS	Safe solvent cleaner	<ul style="list-style-type: none"> • For the removal of grease and oils • Degreaser before glueing 	NSF K1
INOX-PRO	Anti-static metal protection	<ul style="list-style-type: none"> • Water-repellent protective layer • All metals 	NSF A7 / C1
NOVAKLEEN PH9	Quick, safe alkaline cleaner	<ul style="list-style-type: none"> • Does not leave odours or colour stains • Powerful cleaning agent for fats, oils and protein-rich deposits 	NSF A1
NOVAKLEEN PH13	Powerful high-alkaline cleaner	<ul style="list-style-type: none"> • Strong penetrating effect • Powerful on encrusted residues 	NSF A1
AQUASOLV	Concentrated power cleaner	<ul style="list-style-type: none"> • Safe to use on all surfaces • Heavy organic soiling 	Applicable in accordance with HACCP*
BIOPASTE	Professional cleaning and polishing paste	<ul style="list-style-type: none"> • Powerful without leaving scratches • Cleans and protects 	Applicable in accordance with HACCP*
CA-CLEAN	Quickly removes scaling and corrosion from surfaces	<ul style="list-style-type: none"> • Chemical rust and calcium removal 	Applicable in accordance with HACCP*
CA-REMOVER	Powerful and safe limescale solvent	<ul style="list-style-type: none"> • Descales appliances and equipment • Safe in combination with detergents 	Applicable in accordance with HACCP*
CA-REMOVER HD	Professional descaling agent	<ul style="list-style-type: none"> • Fast-acting descaler • Highly concentrated, can be diluted 	Applicable in accordance with HACCP*
GLASS CLEANER	Professional glass cleaning	<ul style="list-style-type: none"> • Always a streak-free result • Powerful degreaser 	Applicable in accordance with HACCP*

*Products can be safely used in your HACCP plan. Please consult our technical advisers

Colour codes in the food industry

	Sanitary
	Interior
	Floors
	Kitchen/disinfection



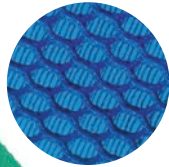
4 per pack

Yellow Item no. 467200390

Green Item no. 467201390

Blue Item no. 467202390

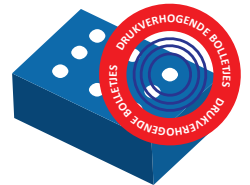
Red Item no. 467203390



Scrubpad FS

Our pads lower the risk of contamination in the food industry when used according to the HACCP plan, and the cleaning colour coding prevents cross-contamination between different areas. They are machine washable; the easy cleaning prevents bacteria growth. They scrub safely, even on sensitive surfaces, and are wear-resistant (leave practically no fibres on the surface). The mesh structure on the surface ensures four times the cleaning power and the polyurethane balls in the pad accentuate the user's finger pressure.

- Mesh structure for greater cleaning power.
- Polyurethane balls to help accentuate the finger pressure.
- Also safe on sensitive surfaces.
- Wear-resistant and machine washable.



5 per pack

Yellow Item no. 467190390

Green Item no. 467191390

Blue Item no. 467192390

Red Item no. 467193390

Novawipe Microfiber FS - Soft

The Novawipe Microfiber FS Soft lowers the risk of contamination in the food industry when used according to the HACCP plan, and the colour coding for cleaning prevents cross-contamination between different areas. This knitted microfibre cloth has excellent cleaning and absorption properties; the soft structure without seams and the removable washing label ensure a scratch-free result. This Novawipe Microfibre FS is hard-wearing and removes mechanical as well as vegetable oils.

- Excellent cleaning qualities.
- Super absorbent.
- Scratch-free results: soft cloth, no seams and removable label.
- Hard-wearing and durable.

Novawipe Microfiber FS

The Novawipe Microfiber FS lowers the risk of contamination in the food industry when used according to the HACCP plan, and the colour coding for cleaning prevents cross-contamination between different areas. This Novawipe is a knitted microfibre cloth with excellent cleaning and absorption properties; thick because of its pyramidal texture, it has a weight of 280g/m². The pyramidal structure produces a deep cleaning with scrubbing effect. This Novawipe Microfibre FS is durable and removes mechanical as well as vegetable oils

- Excellent cleaning qualities.
- Super absorbent: up to 4 times its own weight.
- Scratch-free results.
- Hard-wearing and durable.



5 per pack

Yellow Item no. 467180390

Green Item no. 467181390

Blue Item no. 467182390

Red Item no. 467183390

ADHESIVES AND SEALANTS

Adhesives offer the food industry several advantages over other mechanical fixing methods. For example, it enables the use of completely smooth wall surfaces and work benches, without screws or holes, and therefore much less chance of contamination.

The Novatio glues and sealants are all EC1935/ LFGB certified for use in spaces where food production takes place, allowing for incidental food contact (*). This certification is much stricter than the NSF P1-class commonly used for adhesives, which does not permit use in food-production environments.

*Permanent food contact is only permitted with 100% inert materials, such as stainless steel, glazed ceramics, glass or food-certified plastics. The Novatio-sealants and adhesives, however, are free of hazardous substances and do not show any interaction with foodstuffs.

NEW !



MS24 ICE

FOOD-CERTIFIED SEALANT TO -20°C!

Properly sealed joints and gaps don't give dirt a chance to nestle in the cracks. MS 24 ICE is a unique EC 1935-certified sealant specifically designed for use in cold stores and freezer units.

This sealant maintains its elasticity at low temperatures. Thanks to the modulus and high movement capacity, it is also ideally suited for absorbing temperature fluctuations and the associated contraction and expansion. It can also be used at negatives temperatures.

- Perfect for cold stores and freezers Cures at temperatures as low as -20°C
- Paintable
- Permanent elasticity



Cartridge 310ml
Item no. 533500000



Seal & Bond MS 40 Trans TRANSPARENT SEALANT AND ADHESIVE

MS40 TRANS Clear is a professional, transparent sealant with extremely good adhesive properties. The bond is very resistant to diluted acids and bases. MS40 TRANS Clear can be used on moist surfaces.

- Clear transparent
- Safe to use on all materials including stainless steel, natural stone, marble, etc.
- Permanent elasticity
- Paintable

Cartridge 310ml
Item no. 539596000

Seal & Bond MS 40 Alu HARMONISED SEALING OF DIFFERENTLY COLOURED MATERIALS

The microscopic aluminium pigments in Seal & Bond MS 40 Alu give a 'chameleon effect' that allows materials to flow seamlessly from one colour to the next. It is also a great choice to hide black edges in wider gaps of metal-coloured materials.

- Properties are identical to MS40 TRANS Clear
- Chameleon effect softens colour transitions
- Stainless steel look

Cartridge 310ml
Item no. 539796000



Novatio adhesives – Why EC 1935/ LFGB and not NSF?

The American NSF legislation can rely on a long-standing reputation and is well known in the food industry. There are various NSF P1-registered adhesives and sealants on the market. However, Novatio has made a conscious choice to use the European EC 1935 / LFGB FCM (food contact materials) registration.

The reasoning behind this choice is mainly technical. NSF does not have a specific category for adhesives and sealants. This leaves us with only one category in which we can register our products: NSF P1. This category only determines that a product is chemically suitable for use in the food industry. The certificate of each product mentions specifically whether or not it may be used in production areas. Glues in the P1 category are not certified for direct or indirect contact with foods.

The European FCM legislation does not work with categories, but rather describes in exact terms the extent to which the products are permitted to be in contact with foodstuffs. That is why Novatio has chosen this more specific and strict legislation. The Novatio adhesives and sealants can all be used in production areas where there is incidental contact with food.

Adhesives: incidental food contact?

According to EU food contact materials regulations, direct and permanent food contact is only allowed with fully inert materials, such as stainless steel, certified ceramics, glass or specific certified plastics and composite materials.

Certain other substances are allowed for incidental contact with food. This means they are not toxic and no migration of the possibly toxic or hazardous elements will take place from the material to the food stuffs. From a viewpoint of precaution, the user must take all necessary measures to avoid permanent contact. Contact for a short time, however, is completely harmless. This rule also applies to the Novatio EC 1935/ LFGB-certified adhesives.

ADHESIVES AND SEALANTS

Seal & Bond MS Construct CONSTRUCTION ADHESIVE, NO SUPPORT NEEDED

MS Construct largely takes away the need for screws, anchors, clamps and brackets. Thanks to its extremely high tack (initial adhesiveness) and rigidity, you can place, position and let go.

MS Construct quickly sets into a flexible rubber that absorbs thermal fluctuations and handles enormous tensile forces. MS Construct makes vibration-resistant mounting possible, whether it's vertically, horizontally and suspended.

- Place, position and let go
- Extreme 'tacking' properties
- Permanent elasticity



Cartridge 310ml
Black Item no. 531106000
White Item no. 531126000



Cartridge 310ml
Black Item no. 530116000
White Item no. 530216000
Grey Item no. 530316000
Brown Item no. 530406000
Beige Item no. 530906000

Seal & Bond MS 60 THE ULTIMATE MS POLYMER ADHESIVE WITH SEALING KIT

This is probably the best MS Polymer adhesive and sealant on the market.

The excellent adhesive properties, very high tensile strength and extreme durability make this the first choice for all glueing jobs for construction materials.

- Indoors and outdoors, even on moist surfaces
- Hardens quickly
- Paintable

PRODUCT	TYPE	PROPERTIES	CERTIFICATE
S&B MS24 ICE	Sealing kit to -20°C	<ul style="list-style-type: none"> • Hardens to -20°C • Permanent elasticity 	EC1935/ LFGB
S&B MS40 TRANS Clear	Transparent adhesive and sealant	<ul style="list-style-type: none"> • Safe for use on all materials • Paintable 	EC1935/ LFGB
S&B MS40 TRANS Alu	Sealant with chameleon effect	<ul style="list-style-type: none"> • Softens colour transitions • Stainless steel look 	EC1935/ LFGB
S&B MS60	MS Polymer adhesive and sealant	<ul style="list-style-type: none"> • For glueing and sealing indoors and outdoors • Even on moist surfaces 	EC1935/ LFGB
S&B MS Construct	Extreme high-tack mounting sealant	<ul style="list-style-type: none"> • Clamps or supports no longer needed • Perfect for suspended or vertical glueing jobs 	EC1935/LFGB

The complete **Novatio** range comprises more than 380 references, from electrical connectors to specific cleaners for window profiles. Many of these products are not food certified. Sometimes this is simply irrelevant (fuel additives), sometimes because the composition doesn't allow for it, and sometimes because we have never been asked for a specific certificate.

The following products are not permitted in the production environment, but can be applied for general maintenance during building projects or repairs. Any certification requests will always be treated with due care.



Ca Clean

FOR QUICK REMOVAL OF LIMESCALE AND CORROSION

Professional product that shines where ordinary products fail. Ca-Clean limescale build-up and rust (iron oxide) from all acid-resistant surfaces, such as stainless steel, ceramics and synthetic surfaces. Do not use on marble and other calcareous natural stone.

- Foaming product, can work on surface longer without evaporating
- Chemical removal of rust and limescale
- Safe for everyday use

Can 5l

Item no. 496805000

Bottle 1l

Item no. 496801000

Bio-Paste

HIGH-GRADE CLEANING AND POLISHING PASTE

Due to the high-quality, fine-grained polishing agent and the concentrated detergents, Bio-Paste is both soft and powerful. Powerful enough to remove stubborn and mineral deposits, but soft enough not to leave scratches. After leaving the paste for a short while after applying, less mechanical cleaning (friction) is needed for optimum results.

- Cleans, polishes and protects with one action
- 100% biodegradable
- Kind to the skin



Pot 600Gr

Item no. 477001000



Ca Remover HD

PROFESSIONAL DESCALING AGENT

Industrial water heating can lead to a thick build-up of limescale and boiler scale. Ca Remover HD is the perfect weapon for removing this, both at specific locations and (diluted) in a closed system.

- Fast-acting for minimal downtime.
- Highly concentrated, dilute according to application.
- Safe to use on (ferrous) metals, also when left to work longer

Can 5l

Item no. 496105000

Bottle 1l

Item no. 496101000

Aquasolv

CONCENTRATED POWER CLEANER

Aquasolv is a highly concentrated water-based cleaner that is effective on organic contaminants, oils and greases and atmospheric pollution (soot, smog, etc.). Aquasolv is diluted according to the application. Aquasolv penetrates, dissolves and emulsifies the most stubborn dirt and residues. For manual use, but also for use in floor cleaners and high-pressure cleaners.

- Works well on heavy organic contaminants
- Dilute according to use
- Works as a solvent on greases and oils

Can 5l

Item no. 491005000

Can 25L

Item no. 491025000



Ca Remover

POWERFUL AND SAFE LIMESCALE SOLVENT

Ca-Remover is a fast-acting descaler for appliances and does not leave any odour or taste. Safe in use, without risk of a chemical reaction with other detergents. Ca Remover protects thanks to the corrosion-inhibitors for metals and rubbers.

- Safe descaling
- Economical in use
- Descalses and protects

Can 5l

Item no. 496005000

Bottle 1l

Item no. 496001000

Glass Cleaner

GLASS CLEANING FOR PROFESSIONALS

The perfect partner for small to medium-size glass surfaces. Ideally suited for removing skin oils and fingerprints. Glass cleaner leaves a brilliant result on all glass types, windows and other surfaces. The surfactant substances are almost fully biodegradable (over 90%).

- Brilliantly clean results without streaks or rainbow effect
- Economical in use
- Powerful degreasing action

Can 5l

Item no. 482055000

Bottle 1l

Item no. 482051000





Duoflux RoHS

WATERPROOF SHRINK CONNECTIONS

- Perfectly conducting connection with high tensile strength.
- Quick and handy in use.
- Excellent wear and vibration resistance.
- Good solvent resistance: isopropanol, trichloroethylene, petrol, etc.
- Colour code for different diameters.



Topflux RoHS

CONNECTING, SOLDERING, INSULATING AND SEALING IN ONE SINGLE ACTION

- For flexible and rigid conductors.
- Quick and simple to install with Novaflame Multi Torch.
- Ensures perfectly watertight connections.
- Visual check of the connection thanks to transparent insulation.
- Temperature resistant between -60°C and 130°C.
- RoHS approved



Silicon Repair Tape

EXTREMELY HARD-WEARING SELF-VULCANISING TAPE

Silicon Repair Tape is an emergency repair tape that can be applied on a (lightly) soiled and moist surface, with immediate sticking power. The tape is resistant to heavy chemicals, UV light and extreme temperatures.

- Pressure resistant to 15 bar
- Temperatures up to 260°C
- Watertight and airtight

Roll 25mm/3m

Clear Item no. 565515000

Black Item no. 565525000



Poxycon

Novatio offers a small and effective range of epoxies for various applications: surface reinforcement, concrete repair, floor repair, etc.

Our technical advisers sit down with you to select the most appropriate product for your application.

Poxycon

VERSATILE EPOXY SYSTEM FOR REPAIRS AND SURFACE TREATMENT

Poxycon is a transparent liquid epoxy resin that is very versatile in its use thanks to the different additives. The high-quality resin composition guarantees a high cohesion and adhesion strength, as well as a very high chemical resistance.

- Stronger than concrete
- Solvent-free
- Extreme pressure resistance
- Very hard-wearing
- Highly resistant to food acids
- Odourless
- Hardens quickly



Pot 2kg
Item no. 637219000

Poxy Color

COLOUR LINING IN THE MASS

- Poxycon + Poxy color = wear-resistant floor lining
- Available in a range of RAL colours
- Mineral pigments, highly UV resistant



Pot 160gr

Beige Item no. 637406390
Yellow Item no. 637407390
Red Item no. 637408390
Green Item no. 637409390
Grey Item no. 637410390
Black Item no. 637411390
White Item no. 637412390



Poxy Quartz

PRESSURE-RESISTANT FILLER

- Poxycon + Poxy Quartz = versatile repair mortar
- Suitable for wall bumpers, skirting boards, loading docks, etc.
- Repair of concrete decay

Bucket 20kg
Item no. 637319000



Poxy DC

CLEANER AND SOLVENT FOR EPOXIES

- Enables viscosity of Poxycon to be reduced
- Removal of stains from not-hardened epoxy
- Material cleaner

Can 1L
Item no. 637101000



Simplifying Maintenance, Construction and Repair

Since its foundation in 1978, Novatio has steadily built a name for itself as a reliable supplier of high-quality products for a wide range of industries. We aim to always remain worthy of this reputation.

ALWAYS A SOLUTION

Novatio prides itself on excellent customer service. You can always contact the help desk directly by telephone and e-mail for any technical and commercial questions. For more complex issues regarding certificates or technology, you can rely on the expertise of our technical advisers and the R&D team.

Together, we ensure an efficient and effective solution is found for your technical challenges. A 24/7 telephone number is available for all safety issues.

HIGH QUALITY, LOW CONSUMPTION BUSINESS INTEGRITY

Total cost of ownership is crucial in every business operation. The Novatio products are formulated for low consumption and high efficiency. What's more, they help your investments in machines and buildings perform better for longer through proper maintenance.

Novatio is transparent in its technical labels and certificates. Furthermore, we are very conservative in our product promise. Our products actually do what we say they do. If you have any doubts about the performance of a specific product under specific circumstances, the test lab can help with field tests. This way, you always get what you need.



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