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Технические характеристики

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эл.почта: cce@nt-rt.ru || сайт: <https://crc.nt-rt.ru/>

RELEASE EMULSION

Release Agents

Ready to use water-based silicone emulsion release agent.

Releases many types of plastic and rubber, especially PVC and rubber profile extrusions.

- Economical in use and environmentally 'safe & friendly'
- Operational temperature up to +150°C



	Ref.	Description	TDS
	32979-AA 1032125	Release Emulsion 2x5 KG en,de,nl,fr,es,pt,it,el,sv,fi,da,no	MSDS

Public Data - B

32979-AA | Release Emulsion 2x5 KG en,de,nl,fr,es,pt,it,el,sv,fi,da,no

Product Name	Release Emulsion
Packaging Description	Bulk
Net Volume (Liter)	5.0505050505050505
Part Gross Weight (Kilogram)	5.245
Parts Per Pallet	96
EAN Code Single Part	5412386065804
Part Dimension - Width (mm)	188
Part Dimension - Depth (mm)	141.5
Part Dimension - Height (mm)	296
GHS - Signal Word	Warning
GHS - Hazard & Precautionary Statements	Causes serious eye irritation.
GHS - Hazard Pictograms	GHS07
Intrastat / Tariff Code	39100000
UN Hazard Code	Not classified as hazardous for transport
Road Tunnel Code	
Hazard Class	

SR FOOD

Release Agents

Food grade silicone based release agent.

A high purity silicone release agent for moulding of food contact plastic packaging.

- NSF registered M1
- Maximum operational temperature: +200°C
- Provides good brilliance at transparent plastics
- Excellent slip for uncomplicated release of light weight mouldings



	Ref.	Description	TDS
	32956-AA 1032087	SR Food FPS 12x500 ML en,de,fr,nl,sv,fi,hr,bs,sr,be,ru,ro,sl,sk,et,lv,lt,tr,da,no,es,pt,it,el,pl,cs,hu	MSDS

SR MULTI

Release Agents

General use silicone based release agent.

A general purpose release agent for all thermoplastics and many types of rubber. It is highly versatile as a release agent, ensuring accurate mould detail and improving surface finish without building up in the mould.

- Improves surface finish, minimizes imperfections and enhances even well-polished tool release properties
- Operational to +200°C
- Can also be used as an anti-stick agent in the textile, foam converting, printing and shoe industries
- Fabulous slip properties for fast demoulding
- Provides a smooth surface finish



	Ref.	Description	TDS
	32836-AA 1031986	SR Multi 12x500 ML en,de,fr,nl,sv,fi,hr,bs,sr,be,ru,ro,sl,sk,et,lv,lt,tr,da,no,es,pt,it,el,pl,cs,hu	MSDS

SR SEMI PER

Release Agents

Semi-permanent silicone based release agent.

Air curing silicone resin, used as polymer release agent on bigger surfaces.

- Excellent performance on rotational moulding production facilities
- Developed for rubbers, elastomers and thermosets
- Performs well as release agent for casting resins on flat bed and wet plastering applications



	Ref.	Description	TDS
	32958-AA 1032093	SR Semi Per 12x500 ML en,de,fr,nl,sv,fi,hr,bs,sr,be,ru,ro,sl,sk,et,lv,lt,tr,da,no,es,pt,it,el,pl,cs,hu	MSDS

SR THERMO

Release Agents

Heavy duty silicone based release agent.

Heavy duty, high silicone concentration, mould release agent.

- Specifically to be used on polyester and epoxy moulds
- Withstands the high temperatures (up to +200°C) during exothermic reactions of the resins
- Smooth surface finish
- Very good thixotropy



	Ref.	Description	TDS
	32978-AA 1032124	SR Thermo 12x500 ML en,de,fr,nl,sv,fi,hr,bs,sr,be,ru,ro,sl,sk,et,lv,lt,tr,da,no,es,pt,it,el,pl,cs,hu	MSDS

NSR SENSITIVE

Release Agents

Non-transfer non-silicone release agent for sensitive paintable plastics

Mould release agent for plastics and rubbers.

- Colorless film
- Will not interfere with post moulding treatments such as painting, printing, bonding or plating
- Operational temperature up to +150°C
- Offers an outstanding slip during release of stress crack sensitive polymers
- The first-rate slip allows complicated shapes to be released by fast shot



	Ref.	Description	TDS
	32960-AA 1032095	NSR Sensitive 12x500 ML en,de,fr,nl,sv,fi,ma,zh,th,ko,hr,bs,sr,be,ru,ro,sl,tr,da,no,es,pt,it,el,pl,cs,hu,sk,et,lv,lt	MSDS
	32964-AA 1032102	NSR Sensitive 2x5 L en,de,nl,fr,es,pt,it,el,sv,fi,da,no	MSDS

Public Data - A

32960-AA | NSR Sensitive 12x500 ML

en,de,fr,nl,sv,fi,ma,zh,th,ko,hr,bs,sr,be,ru,ro,sl,tr,da,no,es,pt,it,el,pl,cs,hu,sk,et,lv,lt

Product Name	NSR Sensitive
Packaging Description	Aerosol
Net Volume (Liter)	.5
Quantity per Carton (if>1)	12
Part Gross Weight (Kilogram)	.433
Weight Per Carton (Kilogram)	5.196
Parts Per Pallet	720
EAN Code Single Part	5412386065620
EAN Code Carton	5412386851827
Part Dimension - Width (mm)	65
Part Dimension - Depth (mm)	65
Part Dimension - Height (mm)	240
Carton Dimension - Width (mm)	273
Carton Dimension - Depth (mm)	208
Carton Dimension - Height (mm)	240
GHS - Signal Word	Danger
GHS - Hazard & Precautionary Statements	Extremely flammable aerosol. Pressurised container: May burst if heated. Causes skin irritation. May cause drowsiness or dizziness. Toxic to aquatic life with long lasting effects.
GHS - Hazard Pictograms	GHS02 GHS07 GHS09
Intrastat / Tariff Code	38249993
UN Hazard Code	AEROSOLS
Road Tunnel Code	(D)
Hazard Class	2.1

Public Data - B

32964-AA | NSR Sensitive 2x5 L en,de,nl,fr,es,pt,it,el,sv,fi,da,no

Product Name	NSR Sensitive
Packaging Description	Bulk
Net Volume (Liter)	5
Part Gross Weight (Kilogram)	4.337
Parts Per Pallet	114
EAN Code Single Part	5412386065699
Part Dimension - Width (mm)	174
Part Dimension - Depth (mm)	130.5
Part Dimension - Height (mm)	322
GHS - Signal Word	Danger
GHS - Hazard & Precautionary Statements	Flammable liquid and vapour. May be fatal if swallowed and enters airways. May cause drowsiness or dizziness. Harmful to aquatic life with long lasting effects.
GHS - Hazard Pictograms	GHS02 GHS07 GHS08
Intrastat / Tariff Code	38249993
UN Hazard Code	PETROLEUM PRODUCTS, N.O.S.
Road Tunnel Code	(D/E)
Hazard Class	3

NSR THERMO

Release Agents

Semi-permanent non-silicone release agent.

Non-silicone release agent formulated to release a wide variety of thermosets in high temperature transformation.

- Forms a thin, homogeneous, inert and thermally stable coating from which multiple releases can be expected
- Fast cure time. Moulding can commence ± 30 minutes after application
- Operational temperature to $+250^{\circ}\text{C}$



	Ref.	Description	TDS
	32977-AA 1032122	NSR Thermo 12x500 ML en,de,fr,nl,sv,fi,ma,zh,th,ko,hr,bs,sr,be,ru,ro,sl,tr,da,no,es,pt,it,el,pl,cs,hu,sk,et,lv,lt	MSDS

NSR ULTRA THIN

Release Agents

Non silicone based release agent with minimal product transfer.

Balanced formulation to provide an excellent slip during demoulding without contaminating transparent surfaces by product transfer. Ideal for use with transparent plastics such as Polycarbonate, ABS and polyamides.

- Ideal for mould applications where fine details and precision are requested
- Will not stop post moulding operations (anti reflection coatings , gluing anti-fog screens,...)
- Contains Zinc Stearate which results in excellent slip properties



Ref.	Description	TDS
 32962-AA 1032099	NSR Ultra Thin 12x500 ML en,de,fr,nl,sv,fi,ma,zh,th,ko,hr,bs,sr,be,ru,ro,sl,tr,da,no,es,pt,it,el,pl,cs,hu,sk,et,lv,lt	MSDS

Public Data - A

32962-AA | NSR Ultra Thin 12x500 ML

en,de,fr,nl,sv,fi,ma,zh,th,ko,hr,bs,sr,be,ru,ro,sl,tr,da,no,es,pt,it,el,pl,cs,hu,sk,et,lv,lt

Product Name	NSR Ultra Thin
Packaging Description	Aerosol
Net Volume (Liter)	.5
Quantity per Carton (if>1)	12
Part Gross Weight (Kilogram)	.458
Weight Per Carton (Kilogram)	5.496
Parts Per Pallet	720
EAN Code Single Part	5412386065668
EAN Code Carton	5412386851865
Part Dimension - Width (mm)	65
Part Dimension - Depth (mm)	65
Part Dimension - Height (mm)	240
Carton Dimension - Width (mm)	273
Carton Dimension - Depth (mm)	208
Carton Dimension - Height (mm)	240
GHS - Signal Word	Danger
GHS - Hazard & Precautionary Statements	Extremely flammable aerosol. Pressurised container: May burst if heated. Causes skin irritation. May cause drowsiness or dizziness. Toxic to aquatic life with long lasting effects.
GHS - Hazard Pictograms	GHS02 GHS07 GHS09
Intrastat / Tariff Code	38249993
UN Hazard Code	AEROSOLS
Road Tunnel Code	(D)
Hazard Class	2.1

NSR WET

Release Agents

Heavy duty, non-transfer non-silicone release agent.

A wet film, which provides an excellent release on a wide range of thermoplastics and thermoset materials.

- Will not interfere with post molding operations such as painting, printing, bonding or plating
- Operational temperature to + 150°C
- Does not build up in the mold
- The wet film offers a excellent “slip” for complicated parts



	Ref.	Description	TDS
	32842-AA 1032002	NSR Wet 12x500 ML en,de,fr,nl,sv,fi,ma,zh,th,ko,hr,bs,sr,be,ru,ro,sl,tr,da,no,es,pt,it,el,pl,cs,hu,sk,et,lv,lt	MSDS

Public Data - A

32842-AA | NSR Wet 12x500 ML

en,de,fr,nl,sv,fi,ma,zh,th,ko,hr,bs,sr,be,ru,ro,sl,tr,da,no,es,pt,it,el,pl,cs,hu,sk,et,lv,lt

Product Name	NSR Wet
Packaging Description	Aerosol
Net Volume (Liter)	.5
Quantity per Carton (if>1)	12
Part Gross Weight (Kilogram)	.376
Weight Per Carton (Kilogram)	4.512
Parts Per Pallet	720
EAN Code Single Part	5412386064951
EAN Code Carton	5412386850349
Part Dimension - Width (mm)	65
Part Dimension - Depth (mm)	65
Part Dimension - Height (mm)	240
Carton Dimension - Width (mm)	273
Carton Dimension - Depth (mm)	208
Carton Dimension - Height (mm)	240
GHS - Signal Word	Danger
GHS - Hazard & Precautionary Statements	Extremely flammable aerosol. Pressurised container: May burst if heated. Causes skin irritation. May cause drowsiness or dizziness. Toxic to aquatic life with long lasting effects.
GHS - Hazard Pictograms	GHS02 GHS07 GHS09
Intrastat / Tariff Code	38249993
UN Hazard Code	AEROSOLS
Road Tunnel Code	(D)
Hazard Class	2.1

PU RELEASE AGENT

Release Agents

Silicone based release agent for polyurethanes (PU).

A silicone release agent formulated as a fine release film for integral skin and elastomeric polyurethanes.

- High quality, high gloss and excellent surface finish
- Colorless
- Operational temperature to +200°C
- No build up on mould surface



	Ref.	Description	TDS
	32959-AA 1032094	PU Release Agent 12x500 ML en,de,fr,nl,sv,fi,hr,bs,sr,be,ru,ro,sl,sk,et,lv,lt,tr,da,no,es,pt,it,el,pl,cs,hu	MSDS

LOST WAX RELEASE

Release Agents

Paintable mould release agent.

Ideal for lost wax moulding and precision moulding.

- Based on a copolymer
- Silicone residues on the casting can be rinsed away with water
- Will not interfere with post moulding treatments such as painting, printing, bonding or plating



	Ref.	Description	TDS
	<u>32954-AA</u> 1032085	Lost Wax Release 12x500 ML en,de,fr,nl,sv,fi,hr,bs,sr,be,ru,ro,sl,sk,et,lv,lt,tr,da,no,es,pt,it,el,pl,cs,hu	MSDS

Public Data - A

32954-AA | Lost Wax Release 12x500 ML

en,de,fr,nl,sv,fi,hr,bs,sr,be,ru,ro,sl,sk,et,lv,lt,tr,da,no,es,pt,it,el,pl,cs,hu

Product Name	Lost Wax Release
Packaging Description	Aerosol
Net Volume (Liter)	.5
Quantity per Carton (if>1)	12
Part Gross Weight (Kilogram)	.459
Weight Per Carton (Kilogram)	5.508
Parts Per Pallet	720
EAN Code Single Part	5412386065606
EAN Code Carton	5412386851421
Part Dimension - Width (mm)	65
Part Dimension - Depth (mm)	65
Part Dimension - Height (mm)	240
Carton Dimension - Width (mm)	273
Carton Dimension - Depth (mm)	208
Carton Dimension - Height (mm)	240
GHS - Signal Word	Danger
GHS - Hazard & Precautionary Statements	Extremely flammable aerosol. Pressurised container: May burst if heated. Harmful to aquatic life with long lasting effects.
GHS - Hazard Pictograms	GHS02
Intrastat / Tariff Code	34031980
UN Hazard Code	AEROSOLS
Road Tunnel Code	(E)
Hazard Class	2.1

NSR DRY

Release Agents

Medium duty, non silicone release agent.

A medium duty, dry film mould release agent. Does not contain silicone. Provides an easy release for all types of thermoplastics and especially silicone and rubber.

- Will not interfere with post moulding treatments such as painting, printing, bonding or plating
- Operational to +150°C
- Does not build up in the mould
- Limited transfer to the moulded parts



	Ref.	Description	TDS
	32841-AA 1031999	NSR Dry 12x500 ML en,de,fr,nl,sv,fi,ma,zh,th,ko,hr,bs,sr,be,ru,ro,sl,tr,da,no,es,pt,it,el,pl,cs,hu,sk,et,lv,lt	MSDS

NSR FOOD

Release Agents

Food grade non-silicone based release agent.

A non-silicone release agent with NSF registration for use during moulding of food contact plastic packaging.

- NSF registered M1
- Use on moulds for food packaging which is intended for direct food contact
- Will not interfere with post moulding operations such as bonding and labelling
- Translucent film
- Operational temperature to +200°C



Ref.	Description	TDS
 32957-AA 1032089	NSR Food FPS 12x500 ML en,de,fr,nl,sv,fi,ma,zh,th,ko,hr,bs,sr,be,ru,ro,sl,tr,da,no,es,pt,it,el,pl,cs,hu,sk,et,lv,lt	MSDS

NSR MULTI

Release Agents

General use non-silicone release agent.

Excellent release for thermoplastics and thermosets, e.g. polyurethane elastomers, flexible polymers and PVC.

- A wet film mould release that imparts a gloss finish to moulded parts
- Will not interfere with post moulding operations (painting, printing, bonding, plating)
- Operational temperature to 170°C
- Does not build up in the Mould



	Ref.	Description	TDS
	33234-AA 1032571	NSR Multi 12x500 ML en,de,fr,nl,sv,fi,ma,zh,th,ko,hr,bs,sr,be,ru,ro,sl,tr,da,no,es,pt,it,el,pl,cs,hu,sk,et,lv,lt	MSDS

NSR RUBBER

Release Agents

Non silicone based release agent for rubbers

A water based release agent for use in a wide variety of rubber moulding operations.

- Used for the release of all natural and synthetic grades of rubber
- Fast curing with lower mould build-up
- Non-flammable and environmental 'safe'
- Does not affect the rubbers



Ref.		Description	TDS
	32980-AA	NSR Rubber 25 KG en,de,nl,fr,es,pt,it,el,sv,fi,da,no,pl,et,hu,cs	TDS
	1032127		MSDS

Public Data - B

32980-AA | NSR Rubber 25 KG en,de,nl,fr,es,pt,it,el,sv,fi,da,no,pl,et,hu,cs

Product Name	NSR Rubber
Packaging Description	Bulk
Net Volume (Liter)	23.99232245681381958
Part Gross Weight (Kilogram)	26.505
Parts Per Pallet	11
EAN Code Single Part	5412386065811
Part Dimension - Width (mm)	300
Part Dimension - Depth (mm)	460
Part Dimension - Height (mm)	240
GHS - Signal Word	
GHS - Hazard & Precautionary Statements	
GHS - Hazard Pictograms	
Intrastat / Tariff Code	38140090
UN Hazard Code	Not classified as hazardous for transport
Road Tunnel Code	
Hazard Class	

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Ярославль (4852)69-52-93

Россия +7(495)268-04-70

Казахстан +7(727)345-47-04

Беларусь +(375)257-127-884

Узбекистан +998(71)205-18-59

Киргизия +996(312)96-26-47

По вопросам продаж и поддержки обращайтесь:

эл.почта: cce@nt-rt.ru || сайт: <https://crc.nt-rt.ru/>