


NOVOCRYL S-TP NEW

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier:	NOVOCRYL S-TP NEW
CAS:	Poly(ethylene-co-vinyl acetate) 24937-78-8
1.2 Relevant identified uses of the substance or mixture and uses advised against:	Resin. For professional use only.
1.3 Details of the supplier of the safety data sheet:	TECHNA ITALIA SRL VIA MARCONI, 18 13900 BIELLA (BI) - ITALIA Tel. +39 015.8492913 - Fax. +39 015.8493206 A. Venier info@officina39.com
1.4 Emergency telephone number:	+39.015.8492913

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture:	This product was classified in accordance with Regulation (EC) No.1272/2008 (CLP regulation).
2.1.1 CLP Regulation (EC) No.1272/2008:	
2.1.2 Directive 67/548/EC and Directive 1999/45/EC:	
2.2 Label elements	
Directive 67/548/EC and Directive 1999/45/EC:	
CLP Regulation (EC) No.1272/2008:	
Warning:	Wng: Warning
Pictograms:	
Cautionary advice:	P201: Obtain special instructions before use. P202: Do not handle until all safety precautions have been read and understood. P233: Keep container tightly closed. P264: Wash hands and face thoroughly after handling. P270: Do not eat, drink or smoke when using this product. P501: Dispose of contents / container in accordance with the current legislation on waste treatment.
Supplementary information:	EUH210: Safety data sheet available on request.
2.3 Other hazards	Non-applicable.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Chemical description
Resin.

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SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS (continue)

3.2 Substances:

Directive 67/548/EC and Directive 1999/45/EC:

CLP Regulation (EC) No.1272/2008:

3.3 Mixtures:

Copolymer 75 - <100 %

CAS:

EC:

Index:

REACH:

Directive 67/548/EC and Directive 1999/45/EC:

CLP Regulation (EC) No.1272/2008:

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures:

The symptoms resulting from intoxication can appear after exposure, therefore, in case of doubt, seek medical attention for direct exposure to the chemical product or persistent discomfort, showing the MSDS of this product.

By inhalation:

This product does not contain substances classified as dangerous for inhalation, however, in case of symptoms of intoxication remove the person affected from the exposure area and provide with fresh air.
Seek medical attention if the symptoms get worse or persist.

By skin contact:

In case of contact it is recommended to clean the affected area with plenty of water and neutral soap. In case of modifications on the skin (stinging, redness, rashes, blisters, etc...), seek medical advice with this Security Data Sheet.

By eye contact:

This product does not contain substances classified as dangerous for eye contact. Rinse eyes thoroughly for at least 15 minutes with lukewarm water, ensuring that the person affected does not rub or close their eyes.

By consumption:

If accidentally swallowed, it is recommended to seek medical assistance and show the doctor this safety datasheet.

4.2 Most important symptoms and effects, both acute and delayed:

No symptoms or delayed effects.

4.3 Indication of any immediate medical attention and special treatment needed:

If necessary consult a doctor: see section 4.1.

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media:

Product is non-flammable under normal conditions of storage, manipulation and use. In the case of inflammation as a result of improper manipulation, storage or use preferably use polyvalent powder extinguishers (ABC powder), in accordance with the Regulation on fire protection systems.
IT IS NOT RECOMMENDED to use tap water as an extinguishing agent.

5.2 Special hazards arising from the substance or mixture:

As a result of combustion or thermal decomposition reactive subproducts are created (CO₂, CO, NO_x, etc...) that can become highly toxic and, consequently, can present a serious health risk.

5.3 Advice for firefighters:

Depending on the magnitude of the fire it may be necessary to use full protective clothing and individual respiratory equipment.

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SECTION 5: FIREFIGHTING MEASURES (continue)

Appropriate fire equipment (fire extinguishers, fire hoses, sprinklers, etc. depending on the fire load) or minimum emergency facilities should be available (fire blankets, portable first aid kit, etc...) in accordance with Directive 89/654/EC.

Additional provisions:

Act in accordance with the Internal Emergency Plan and the Information Sheets on actions to take after an accident or other emergencies. Destroy any source of ignition.

In case of fire, refrigerate the storage containers and tanks for products susceptible to inflammation, explosion or BLEVE as a result of high temperatures. Avoid spillage of the products used to extinguish the fire into an aqueous medium.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures:

Isolate leaks provided that there is no additional risk for the people performing this task. Personal protection equipment must be used against potential contact with the spilt product (See section 8). Evacuate the area and keep out those who do not have protection.

6.2 Environmental precautions:

In accordance with the community legislation for the protection of the environment it is recommended to avoid environmental spillage of both the product and its container.

6.3 Methods and material for containment cleaning up:

It is recommended:

Absorb the spillage using sand or inert absorbent and move it to a safe place. Do not absorb in sawdust or other combustible absorbents. For any concern related to disposal consult section 13.

6.4 Reference to other sections:

See sections 8 and 13.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling:

A.- Precautions for safe manipulation

Comply with the current legislation concerning the prevention of industrial risks. Keep containers hermetically sealed.

Control spills and residues, destroying them with safe methods (section 6). Avoid leakages from the container. Maintain order and cleanliness where dangerous products are used.

B.- Technical recommendations for the prevention of fires and explosions

Product is non-flammable under normal conditions of storage, manipulation and use. It is recommended to transfer at slow speeds to avoid the generation of electrostatic charges that can affect flammable products. Consult section 10 for information on conditions and materials that should be avoided.

C.- Technical recommendations for professional hygiene

Do not eat or drink during the process, washing hands afterwards with suitable cleaning products.

D.- Technical recommendations to prevent environmental risks

It is recommended to have absorbent material available at close proximity to the product (See subsection 6.3).

7.2 Conditions for safe storage, including any incompatibilities:

A.- Technical measures for storage

Minimum temperature: 5 °C

Maximum temperature: 30 °C

Maximum time: 12 months

B.- General conditions for storage

Avoid sources of heat, radiation, static electricity and contact with food.

7.3 Specific end use(s):

Except for the instructions already specified it is not necessary to provide any special recommendation regarding the uses of this product.

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continue)

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters:

Substances whose occupational exposure limits have to be monitored in the work environment.
There are no environmental limits for the substances contained in the product.

DNEL (Workers):
Non-applicable

DNEL (Population):
Non-applicable

PNEC:
Non-applicable

8.2 Exposure controls:

PPE are not necessary for the normal conditions of use it recommends the use in the situations of emergency.

As a preventative measure it is recommended to use basic Personal Protection Equipment, with the corresponding "CE marking". For more information on Personal Protection Equipment (storage, use, cleaning, maintenance, class of protection, etc...) consult the information leaflet provided by the manufacturer.

Information contained in this point refer to pure product.

Protection measures for diluted product may vary according to its dilution degree, use, method of application, etc...

To determine the requirement of emergency showers installation and / or collyrium in warehouses will take into consideration the rules of chemicals storage applied to each case
For more information see subsection 7.1 and 7.2.

* Additional emergency measures:

Emergency shower. (Standard: ANSI Z358-1 / ISO 3864-1:2002)

Eyewash stations. (Standard: DIN 12 899 / ISO 3864-1:2002)

Specific protection for the hands

Mandatory hand protection.

Chemical protective gloves, CE CAT I.

Replace the gloves at any sign of deterioration.

CEN Standard:
EN 374-1:2003
EN 374-3:2003/AC:2006
EN 420:2003+A1:2009

Ocular and facial protection

Mandatory face protection.

Wear full-vision safety goggles or a chemical protective face shield, CE CAT II.

Clean daily and disinfect periodically according to the manufacturer's instructions.

CEN Standard:
EN 166:2001
EN 172:1994/A1:2000
EN 172:1994/A2:2001
EN 165:2005

Bodily protection

Work clothing, CE CAT I.

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continue)

For professional use only.

CEN Standard:
EN 340:2003

Anti-slip work shoes, CE CAT II.

CEN Standard:
EN ISO 20347:2004/A1:2007
EN ISO 20344:2011

Respiratory protection

The use of protection equipment will be necessary if a mist forms or if the professional exposure limits are exceeded.

Environmental exposure controls:

In accordance with the community legislation for the protection of the environment it is recommended to avoid environmental spillage of both the product and its container.
For additional information see subsection 7.1.D.

Volatil organic compounds:

With regard to Directive 1999/13/EC, this product has the following characteristics:

V.O.C. (Supply): 0 % weight

V.O.C. density at 20°C: 0 kg/m³ (0 g/l)

Average carbon number: Non-applicable

Average molecular weight: Non-applicable

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties:

Physical state at 20°C	Liquid	
Appearance	Non-applicable	
Colour	White	
Odour	Non-applicable	
Boiling point at atmospheric pressure	100	°C
Vapour pressure at 20°C	No-applicable	Pa
Vapour pressure at 50°C	Non-applicable	Pa
Evaporation rate at 20°C	Non-applicable	
Density at 20°C	Non-applicable	kg/m ³
Relative density at 20°C	Non-applicable	
Dynamic viscosity at 20°C	Non-applicable	cP
Kinematic viscosity at 20°C	Non-applicable	cSt
Kinematic viscosity at 40°C	Non-applicable	cSt
Concentration	Non-applicable	
pH	6,5	
Vapour density at 20°C	Non-applicable	
Partition coefficient n-octanol/water 20°C	Non-applicable	
Solubility in water at 20°C	Non-applicable	kg/m ³
Solubility property	Non-applicable	
Decomposition temperature	Non-applicable	°C
Flash point	Non flammable (>60°C)	°C
Autoignition temperature	Non-applicable	°C
Lower flammability limit	Non-applicable	

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (continue)

Upper flammability limit Non-applicable

9.2 Other information:

Surface tension at 20°C Non-applicable

Refraction index Non-applicable

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity:

No hazardous reactions are expected if the following technical instructions storage of chemicals. See section 7.

10.2 Chemical stability:

Chemically stable under the conditions of storage, handling and use.

10.3 Possibility of hazardous reactions:

No hazardous reactions are expected for variation in temperature and/or pressure.

10.4 Conditions to avoid:

Applicable for handling and storage at room temperature:

Shock and friction: Not applicable

Contact with air: Not applicable

Increase in temperature: Not applicable

Sunlight: Not applicable

Humidity: Not applicable

10.5 Incompatible materials:

None.

10.6 Hazardous decomposition products:

See subsection 10.3, 10.4 and 10.5 to find out the specific decomposition products.

Depending on the decomposition conditions, complex mixtures of chemical substances can be released: carbon dioxide (CO₂), carbon monoxide and other organic compounds.

SECTION 11: TOXICOLOGICAL INFORMATION

The experimental information related to the toxicological properties of the mixture itself is not available.

11.1 Information on toxicological effects:

* Dangerous health implications:

In case of exposure that is repetitive, prolonged or at concentrations higher than recommended by the occupational exposure limits, it may result in adverse effects on health depending on the means of exposure:

A.- Ingestion:

Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for ingestion. For more information see section 3.

B- Inhalation:

Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for inhalation. For more information see section 3.

C- Contact with the skin and the eyes:

Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for contact with the skin. For more information see section 3.

D- CMR effects (carcinogenicity, mutagenicity and toxicity to reproduction):

Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for the

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SECTION 11: TOXICOLOGICAL INFORMATION (continue)

effects mentioned. For more information see section 3.

E- Sensitizing effects:

Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous with sensibilizing effects. For more information see section 3.

F- Specific target organ toxicity (STOT) - time exposure:

Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.

G- Specific target organ toxicity (STOT) - repeated exposure:

Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.

H- Aspiration hazard:

Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.

*** Other information:**

Non-applicable

*** Specific toxicology information on the substances:**

Not available

SECTION 12: ECOLOGICAL INFORMATION

The experimental information related to the ecotoxicological properties of the mixture itself is not available.

12.1 Toxicity:

Not available.

12.2 Persistence and degradability:

Not available.

12.3 Bioaccumulative potential:

Not available.

12.4 Mobility in soil

Not available.

12.5 Results of PBT and vPvB assessment:

Non-applicable.

12.6 Other adverse effects:

Not described.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods:

Code:

Description:

It is not possible to assign a specific code, as it depends on the intended use by the user.

Waste class (Regulation (EU) No. 1357/2014):

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SECTION 13: DISPOSAL CONSIDERATIONS (continue)

Not Dangerous.

Type of waste (Regulation (EU) No. 1357/2014):
Non-applicable

* Waste management (disposal and evaluation):
Consult the authorized waste service manager on the assessment and disposal operations in accordance with Regulation (EC) n. 1357/2014 (for the classification of waste) and Directive 2014/955/UE. We do not recommended disposal down the drain. See paragraph 6.2.

* Regulations related to waste management:
In accordance with Annex II of Regulation (EC) no. 1907/2006 (REACH) the community or state provisions related to waste management are stated.

- Community legislation:
Directive 2014/955/UE, Regulation (EC) n. 1357/2014

SECTION 14: TRANSPORT INFORMATION

This product is not regulated for transport (ADR/RID, IMDG, IATA).

SECTION 15: REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture:

Candidate substances for authorisation under the Regulation (EC) No. 1907/2006 (REACH): Non-applicable

Regulation (EC) No. 1005/2009, about substances that deplete the ozone layer: Non-applicable

Active substances for which a decision of non-inclusion onto Annex I or IA of Directive 98/8/EC: Non-applicable

Regulation (EC) No. 689/2008, in relation to the import and export of hazardous chemical products: Non-applicable

Limitations to commercialisation and the use of certain dangerous substances and mixtures (Annex XVII, REACH):

Non-applicable.

Specific provisions in terms of protecting people or the environment:

It is recommended to use the information included in this safety data sheet as data used in a risk evaluation of the local circumstances in order to establish the necessary risk prevention measures for the manipulation, use, storage and disposal of this product.

Other legislation:

Regulation (EC) No. 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No. 1907/2006.

Chemical safety assessment:

The supplier has not carried out evaluation of chemical safety.

SECTION 16: OTHER INFORMATION

Legislation related to safety data sheets:

This safety data sheet has been designed in accordance with annex II-Guide to the compilation of safety data sheets of Regulation (EC) No. 1907/2006 (Regulation (EC) No. 453/2010).

Modifications related to the previous security card which concerns the ways of managing risks:

Text of R-phrases considered in section 3:

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SECTION 16: OTHER INFORMATION (continue)

Advice related to training:

Minimal training is recommended to prevent industrial risks for staff using this product, in order to facilitate their comprehension and interpretation of this safety data sheet, as well as the label on the product.

Principal bibliographical sources:

<http://esis.jrc.ec.europa.eu>
<http://echa.europa.eu>
<http://eur-lex.europa.eu>

Note for users:

The information contained in the present sheet are based on our own knowledge on the date of the last version.
Users must verify the suitability and thoroughness of provided information according to each specific use of the product.
This document must not be regarded as a guarantee on any specific product property.
The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations.
The producer is relieved from any liability arising from improper uses.

Abbreviations and acronyms:

- ADR: European agreement concerning the international carriage of dangerous goods by road
- IMDG: International maritime dangerous goods code
- IATA: International Air Transport Association
- ICAO: International Civil Aviation Organisation
- COD: Chemical Oxygen Demand
- BOD5: 5-day biochemical oxygen demand
- BCF: Bioconcentration factor
- LD50: Lethal Dose 50
- CL50: Lethal Concentration 50
- EC50: Effective concentration 50
- Log-POW: Octanol–water partition coefficient
- Koc: Partition coefficient of organic carbon

The information contained in this security data sheet is based on sources, technical knowledge and current legislation at European and state level, without being able to guarantee its accuracy. This information cannot be considered a guarantee of the properties of the product, it is simply a description of the security requirements. The occupational methodology and conditions for users of this product are not within our awareness or control, and is ultimately the responsibility of the user to take the necessary measures to obtain the legal requirements concerning the manipulation, storage, use and disposal of chemical products. The information on this security data sheet only refers to this product, which should not be used for needs other than those specified.

- END OF SAFETY DATA SHEET -