

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

PRODUCT IDENTIFIER

Trade name: NOVOX POLYOL

Relevant identified uses of the substance or mixture and uses advised against

Application of the substance / the preparation Polyurethane resin

Manufacturer / Supplier:

Talladium España S.L.

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2 HAZARDS IDENTIFICATION

CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

Classification according to Directive 67/548/EEC or Directive 1999/45/EC

Not applicable.

Information concerning particular hazards for human and environment:

No hazards to be particularly mentioned.

LABEL ELEMENTS

Labelling according to EU guidelines:

The product is not subject to identification regulations under EU Directives and the Ordinance on Hazardous Materials (German GefStoffV).

Observe the general safety regulations when handling chemicals.

3 COMPOSITION / INFORMATION ON INGREDIENTS

Chemical characterization:

Mixtures

Description:

Formulated polyol

Dangerous components:

None

4 FIRST AID MEASURES

DESCRIPTION OF FIRST AID MEASURES

General information:

Immediately remove any clothing soiled by the product.

After inhalation:

Supply fresh air; consult doctor in case of complaints.

After skin contact:

Immediately wash with water and soap and rinse thoroughly.

After eye contact:

Rinse opened eye for several minutes under running water. Then consult a doctor.

After swallowing:

Do not induce vomiting; call for medical help immediately.

INFORMATION FOR DOCTOR:

Most important symptoms and effects, both acute and delayed

No further relevant information available.

Indication of any immediate medical attention and special treatment needed

No further relevant information available.

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5 FIREFIGHTING MEASURES

EXTINGUISHING MEDIA

Suitable extinguishing agents:

CO₂, powder or water spray. Fight larger fires with water spray.

Special hazards arising from the substance or mixture

In case of fire, the following can be released: Carbon monoxide (CO)

ADVICE FOR FIREFIGHTERS

Protective equipment:

Wear self-contained respiratory protective device.

Additional information

Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Wear protective equipment. Keep unprotected persons away

Environmental precautions

Do not allow product to reach sewage system or any water course

Methods and material for containment and cleaning up

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Dispose contaminated material as waste according to item 13.

Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

7 HANDLING AND STORAGE

HANDLING:

Precautions for safe handling

Inform personnel of risks associated with the product, the precautions to be taken and procedures to follow where an accident occurs.

Information about fire - and explosion protection:

Protect from heat.

Conditions for safe storage, including any incompatibilities

STORAGE:

Requirements to be met by storerooms and receptacles:

Use only receptacles specifically permitted for this substance/product.

Information about storage in one common storage facility:

Store away from foodstuffs.

Further information about storage conditions:

Keep receptacle tightly sealed.

Protect from humidity and water.

This product is hygroscopic.

Specific end use(s)

No further relevant information available.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION (contd. on next page)

Additional information about design of technical facilities:

No further data; see item 7.

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8 (contd. of previous page)

CONTROL PARAMETERS

Ingredients with limit values that require monitoring at the workplace:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

EXPOSURE CONTROLS

Personal protective equipment:

General protective and hygienic measures:

The usual precautionary measures are to be adhered to when handling chemicals.

Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work.

Respiratory protection:

Not necessary if room is well-ventilated.

Protection of hands:



Protective gloves

Material of gloves

PVC gloves. The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Penetration time of glove material

The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection:



Safety glasses

Tightly sealed goggles

Body protection

Protective work clothing

9 PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

GENERAL INFORMATION

Appearance:

Form:	Fluid
Colour:	White
Odour:	Characteristic
pH-value at 20°C:	NA

CHANGE IN CONDITION

Melting point/Melting range:	NA°C
Flash point:	> 110°C
Self-igniting:	Product is not selfigniting
Danger of explosion:	Product does not present an explosion hazard
Density at 20°C:	1.65 g/cm ³ (ISO 1675:1985)
Solubility in / Miscibility with water:	Not miscible or difficult to mix.
Organic solvents:	Soluble in many organic solvents.
Other information	No further relevant information available.

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10 STABILITY AND REACTIVITY

Reactivity

Chemical stability

Thermal decomposition / conditions to be avoided:

No decomposition if used according to specifications.

Possibility of hazardous reactions

Reacts with oxidizing agents.

Conditions to avoid

No further relevant information available.

Incompatible materials:

No further relevant information available.

Hazardous decomposition products:

No dangerous decomposition products known.

11 TOXICOLOGICAL INFORMATION

Information on toxicological effects

ACUTE TOXICITY:

Primary irritant effect:

on the skin: No irritant effect.

on the eye: No irritating effect.

Sensitization: No sensitizing effects known.

ADDITIONAL TOXICOLOGICAL INFORMATION:

When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

12 ECOLOGICAL INFORMATION

Toxicity

Aquatic toxicity

No further relevant information available.

Persistence and degradability

No further relevant information available.

Other information

The product is difficultly biodegradable.

Behaviour in environmental systems

Bioaccumulative potential

No further relevant information available.

Mobility in soil

No further relevant information available.

Additional ecological information:

GENERAL NOTES:

At present there are no ecotoxicological assessments.

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

Other adverse effects

No further relevant information available.

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13 DISPOSAL CONSIDERATIONS

WASTE TREATMENT METHODS

Recommendation

Dispose of the product by burning in a suitable incinerator or bury in an approved landfill following all applicable local and/or national regulations.

European waste catalogue

20 01 28 paint, inks, adhesives and resins other than those mentioned in 20 01 27

UNCLEANED PACKAGING:

Recommendation:

Empty containers may not be disposed of unless any remaining material adhering to the internal walls has been removed. Disposal must be made according to official regulations.

14 TRANSPORT INFORMATION

UN-Number

ADR, IMDG, IATA Void

UN proper shipping name

ADR, IMDG, IATA Void

Transport hazard class(es)

ADR, IMDG, IATA

Class Void

Packing group

ADR, IMDG, IATA Void

Special precautions for user Not applicable

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code Not applicable

Transport/Additional information Not dangerous according to the above specifications

15 REGULATORY INFORMATION

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

National regulations:

Waterhazard class:

Water hazard class 1 (Self-assessment): slightly hazardous for water.

Chemical safety assessment:

A Chemical Safety Assessment has not been carried out.

16 OTHER INFORMATION

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Department issuing MSDS: -

* Data compared to the previous version altered.