

SAFETY DATA SHEET

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Die in diesem Produktdatenblatt genannten Spezifikationen dienen nur zur Produktbeschreibung und beziehen sich auf den Zeitpunkt unmittelbar nach der Produktion bzw. Import des Produktes. Sie entsprechen den Angaben des Herstellers. Eine rechtsverbindliche Zusicherung bestimmter Eigenschaften oder der Eignung für einen bestimmten Einsatzzweck kann hieraus nicht abgeleitet werden. Durch unsachgemäßen Transport und / oder unsachgemäße Lagerung können sich Änderungen ergeben. Die Angaben in diesem Produktdatenblatt entbinden den Verarbeiter nicht von eigener Prüfung der Eigenschaften des Produktes und dessen Eignung für die vorgesehene Verwendung.

Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)

2523010 HXTAL NYL-1, Resin

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Revised edition: 01.05.2022

Version: 2

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1. Identification of the Substance/Mixture and of the Company/Undertaking

1.1. Product Identifier

Product Name: HXTAL NYL-1, Resin

Article No.: 2523010

UFI: --

1.2. Relevant identified Uses of the Substance or Mixture and Uses advised against

Identified uses:
Resin for adhesive systems.

Uses advised against:

1.3. Details of the Supplier of the Safety Data Sheet (Producer/Importer)

Company: Deffner & Johann GmbH
Address: Mühlackerstraße 13, D-97520 Röthlein
Tel.: + 49 (0) 9723 9350-0
Fax.: + 49 (0) 9723 9350-25
E-Mail-Address: info@deffner-johann.de

1.4. Emergency No.

Emergency No.: +49 7565 914480 (Mon-Fri 8:00 - 17:00)

1.4.2 Poison Center:

2. Hazards Identification

2.1. Classification of the Substance or Mixture

Classification according to Regulation
(EC) No. 1272/2008 (CLP/GHS)

H317 Skin sensitization, hazard category 1
Cat.: 1
H320 Eye irritation, hazard category 2
May cause an allergic skin reaction.
Causes eye irritation.
Cat.: 2

Possible Environmental Effects:

2.2. Label Elements

Classification according to Regulation
(EC) No. 1272/2008 (CLP/GHS)

Hazard designation:



GHS07-1

Signal word:

Warning

Hazard designation:

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H317 May cause an allergic skin reaction.

H320 Causes eye irritation.

Safety designation:

P260c Do not breathe vapours.

P272 Contaminated work clothing should not be allowed out of the workplace.

P280 Wear protective gloves/ clothing/ eye/ face protection.

P303+P361+P353 If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses and continue rinsing.

Hazardous components for labelling:

2. 3. **Other Hazards**

3. **Composition/Information on Ingredients**

3. 1. **Substance**

3. 2. **Mixture**

Chemical Characterization:

Information on Components / Hazardous Ingredients:

Cyclohexanol, 4,4'-(1-methylethylidene)bis-, polymer with 2-(chloromethyl)oxirane)	100 %	CAS-Nr: 30583-72-3
		EINECS-Nr:
		EC-Nr:

Additional information:

4. **First Aid Measures**

4. 1. **Description of the First Aid Measures**

General information:

Seek medical attention in case of complaints.

After inhalation:

Remove victim to fresh air and keep at rest in a position comfortable for breathing.

Give artificial respiration in case breathing is not regular or if it has stopped.

Consult physician if symptoms persist.

After skin contact:

Wash off immediately with soap and plenty of water and rinse thoroughly.

Remove contaminated clothing and shoes immediately.

Wash contaminated clothing and shoes before reuse.

If symptoms persist, consult a physician.

After eye contact:

Seek medical attention if irritation persists.

Remove contact lens. Rinse open eyes with plenty of water (10-15 min). Should irritation continue, seek medical advice.

After ingestion:

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Do not induce vomiting without medical advice.

Immediately get medical help.

Never give anything by mouth to an unconscious person.

4.2. Most important Symptoms and Effects, both Acute and Delayed

Symptoms:

No further information available.

Effects:

4.3. Indication of any Immediate Medical Attention and special Treatment needed

Treatment:

Treat symptomatically.

Contact Poison Control Center if large amounts are swallowed or inhaled.

5. Fire-Fighting Measures

5.1. Extinguishing Media

Suitable extinguishing media:

Use extinguishing media for surrounding fire.

Unsuitable extinguishing media:

None known.

5.2. Special Hazards arising from the Substance or Mixture

Special hazards:

The container may burst when heated or in case of fire.

In case of fire: formation of carbon monoxide and dioxide, aldehydes.

5.3. Advice for Firefighters

Protective equipment:

Wear self-contained respiratory protective device and full protective gear.

Further information:

Cool exposed containers with water spray.

6. Accidental Release Measures

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

Personal precautions:

Keep unprotected persons out of danger zone.

Evacuate the danger area, observe emergency procedures, consult an expert.

Do not inhale aerosol/fumes/vapors.

6.2. Environmental Precautions

Environmental precautions:

Prevent contamination of soil, drains and surface waters.

6.3. Methods and Material for Containment and Cleaning Up

Methods and material:

Contain with absorbent material (sand, diatomaceous earth,

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*universal absorbent, Oil Dri) and dispose accordingly.
Clean polluted are with water or other cleaning fluids.*

6. 4. Reference to other Sections

7. Handling and Storage

7. 1. Precautions for Safe Handling

Instructions on safe handling:

*Avoid contact with eyes, skin and clothing.
Do not breathe vapors, spray or gas.*

Hygienic measures:

*Do not eat or drink during work. Do not smoke.
Change contaminated clothing. Wash hands after work.*

7. 2. Conditions for Safe Storage, including any Incompatibilities

Storage conditions:

*Store in tightly sealed containers in a dry and cool room.
Protect product from direct sunlight.
Close opened containers carefully and store upright to avoid
product to spill.*

*Requirements for storage areas and
containers:*

*Keep container tightly closed.
Store the product in the original container.
Do not store product in unlabelled containers.*

*Information on fire and explosion
protection:*

*No special measures necessary.
Do not store together with: foodstuffs and animal feed.*

Storage class:

Further Information:

7. 3. Specific End Use(s)

Further information:

8. Exposure Controls/Personal Protection

8. 1. Parameters to be Controlled

Parameters to be controlled (DE):

none known

Parameters to be controlled:

Derived No-Effect Level (DNEL):

*Predicted No-Effect Concentration
(PNEC):*

Additional Information:

8. 2. Exposure Controls

Technical protective measures:

Ensure adequate ventilation, especially in confined areas.

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Facilities storing or utilizing this material should be equipped with an eyewash and shower facility.

Personal Protection

General protective measures:

*Wash hands before breaks and after work.
Wash contaminated clothes before reuse.*

Respiratory protection:

Required in case of insufficient ventilation.

Hand protection:

Protective gloves (EN 374)

Protective glove material:

*Rubber or plastic gloves.
The glove material must be sufficiently impermeable and resistant against the product.*

Eye protection:

Safety glasses with protective shields (EN 166).

Body protection:

Protective clothing.

Environmental precautions:

Prevent from getting into the soil, surface water and sewage system.

9. Physical and Chemical Properties

9.1. Information on Basic Physical and Chemical Properties

<i>Form:</i>	<i>viscous liquid</i>
<i>Color:</i>	<i>clear-transparent</i>
<i>Odor:</i>	<i>odorless</i>
<i>Odor threshold:</i>	<i>no information available</i>
<i>pH-Value:</i>	<i>not available</i>
<i>Melting temperature:</i>	<i>10°C (50°F)</i>
<i>Boiling temperature:</i>	<i>not available</i>
<i>Flash point:</i>	<i>115°C (239°F)</i>
<i>Evaporation rate:</i>	<i>No information available.</i>
<i>Flammability (solid, gas):</i>	<i>not available</i>
<i>Upper explosion limit:</i>	<i>no information available</i>

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Lower explosion limit:

no information available

Vapor pressure:

not determined

Vapor density:

> 1

Density:

1.09

Solubility in water:

practically insoluble

Coefficient of variation (n-Octanol/Water):

no information available

Auto-ignition temperature:

not determined

Decomposition temperature:

not determined

Viscosity, dynamic:

1.8 - 2.5 Pa.s (25°C)

Explosive properties:

not applicable

Oxidizing properties:

no information available

Bulk density:

9.2. Further Information

Solubility in solvents:

Viscosity, kinematic:

Burning class:

Solvent content:

Solid content:

Particle size:

Other information:

No further information.

10. Stability and Reactivity

10.1. Reactivity

Stable if used according to specifications.

10.2. Chemical Stability

Stable if used according to specifications.

10.3. Possibility of Hazardous Reactions

Reacts with strong oxidants.

Polymerizes exothermically with amines.

10.4. Conditions to Avoid

Conditions to avoid:

Strong heating.

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Caustic soda can induce vigorous polymerization at temperatures around 200°C (392°F).

Thermal decomposition:

10.5. Incompatible Materials

*Strong oxidizing agents.
Caustic soda*

10.6. Hazardous Decomposition Products

None if stored and handled according to specifications.

10.7. Further Information

11. Toxicological Information

11.1. Information on Hazard Classes as defined in Regulation (EC) No. 1272/2008

Acute Toxicity

No information available.

LD50, oral:

LD50, dermal:

LC50, inhalation:

Primary effects

Irritant effect on skin:

May cause allergic reactions.

Irritant effect on eyes:

Irritating to eyes.

Inhalation:

No information available.

Ingestion:

May cause irritation of the mouth, throat and stomach.

Sensitization:

No relevant data found.

Mutagenicity:

No relevant data found.

Reproductive toxicity:

No relevant data found.

Carcinogenicity:

No relevant data found.

Teratogenicity:

No information available.

Specific target organ toxicity (STOT):

No relevant data found.

Aspiration hazard:

11.2. Information on other Hazards

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12. Ecological Information

12.1. Aquatic Toxicity

No information available.

Fish toxicity:

Daphnia toxicity:

Bacteria toxicity:

Algae toxicity:

12.2. Persistency and Degradability

No information available.

12.3. Bioaccumulation

No information available.

12.4. Mobility

No information available.

12.5. Results of PBT- und vPvP Assessment

No data available.

12.6. Endocrine Disrupting Properties

12.7. Other Adverse Effects

Water hazard class:

Behaviour in sewage systems:

Further ecological effects:

No special effects or hazards known.

AOX Value:

13. Disposal Considerations

13.1. Waste Treatment Methods

Product:

Dispose of according to official national and local regulations.

European Waste Code (EWC):

Uncleaned packaging:

Dispose of according to official local regulations.

Waste Code No.:

14. Transport Information

14.1. UN Number

ADR, IMDG, IATA

14.2. UN Proper Shipping Name

ADR/RID:

No hazardous goods according to ADR / DOT (US) (land transportation).

IMDG/IATA:

Not hazardous goods

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14.3. Transport Hazard Classes

ADR Class:

not applicable

Hazard no.:

Classification code:

Tunnel restriction code:

IMDG Class (sea):

Hazard no.:

EmS No.:

IATA Class:

not applicable

Hazard no.:

14.4. Packaging Group

ADR/RID:

not applicable

IMDG:

IATA:

14.5. Environmental Hazards

None

14.6. Special Precautions for User

Not classified as a dangerous good under transport regulations.

14.7. Maritime Transport in Bulk according to IMO Instruments

not applicable

14.8. Further Information

Do not store together with foodstuffs.

15. Regulatory Information

15.1. Safety, Health and Environmental Regulations/Legislation specific for the Substance or Mixture

Water hazard class:

no information available

Local regulations on chemical accidents:

Employment restrictions:

Restriction and prohibition of application:

Technical instructions on air quality:

15.2. Chemical Safety Assessment

A Chemical Safety Assessment has not been carried out for this product.

15.3. Further Information

Listed in the following inventories:

TSCA (USA): All components of this product are in compliance

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with the inventory listing requirements of the U.S. Toxic Substance Control Act (TSCA) Chemical Substance Inventory.

California Prop. 65(Chemicals known to cause cancer): None of the ingredients are listed.

WHMIS (Canada): Class D-2B: Material causing other toxic effects (Toxic)

16. Other Information

This product should be stored, handled and used in accordance with good hygiene practices and in conformity with any legal regulations. This information contained herein is based on the present state of knowledge and is intended to describe our product from the point of view of safety requirements. It should be therefore not be construed as guaranteeing specific properties.