



Safety Data Sheet

Product Name: HXTAL NYL-1 Epoxy Adhesive Part B (Hardener)

SDS Date: 05/01/22

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: HXTAL NYL-1 Part B (Hardener)

Manufacturer: HXTAL Adhesive, LLC
2000 Riverside Drive
Box 10
Asheville NC 28804
828-348-7970

Emergency Phone number: ChemTel, Inc.
Toll Free: 800-255-3924
International: +813-248-0585

2. HAZARDS IDENTIFICATION

Classification of the substance or mixture (Hazard Pictograms):



H314 Causes severe skin burns and eye damage

HXTAL Adhesive, LLC. - HXTAL NYL-1 Part B SDS Sheets
Revision Date 05/01/22

H318 Causes serious eye damage
H312 Harmful in contact with skin
H302 Harmful if swallowed

Hazard Statements:

Harmful in contact with skin or if inhaled
Causes severe skin burns and eye damage

Precautionary Statements:

Do not breathe dust or mists
Avoid breathing dust/fumes/gas/mist/vapors/spray
Use only outdoors in in a well ventilated area
Wear protective gloves/protective clothing
Wear eye protection/face protection
Avoid release to the environment
Wash thoroughly after handling
Do not eat, drink, or smoke when using this product
If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Specific treatment (see supplementary first aid instructions on this Safety Data Sheet).
If Swallowed: Immediately call a poison control center/doctor
If Inhaled: Remove person to fresh air and keep comfortable for breathing.
Call a Poison Center/doctor if you feel unwell.
Wash contaminated clothing before re-use
If Swallowed: Rinse mouth. DO NOT induce vomiting
If on Skin: Wash with plenty of water
Take off contaminated clothing and wash it before re-use
Store locked up.
Dispose of contents/container in accordance with local/regional/national/international regulations.

Classification system:

NFPA ratings (scale 0–4)
Health = 3
Fire = 0
Reactivity = 0

HMIS ratings (scale 0–4)

Health = 4
Fire = 0
Reactivity = 0

Hazards not otherwise classified (HNOC): None known

3. COMPOSITION AND INFORMATION ON INGREDIENTS

Component	CAS#	Concentration
Polyoxypropylene triamine	39423-51-3	96–99%
1,3-diaza-2,4-cyclopentadiene, glyoxaline	288-32-4	< 4%

4. FIRST AID MEASURES

General Information	Immediately remove any clothing soiled by the product Symptoms of poisoning may occur after exposure to dust, fumes, or particulates; seek medical attention if feeling unwell. In case of irregular breathing or respiratory arrest provide artificial respiration.
After inhalation	In case of unconsciousness place patient stably in side position for transportation
After skin contact	Immediately wash with water and soap and rinse thoroughly. If skin irritation occurs, consult a doctor
After eye contact	Rinse open eye for several minutes under running water. Then consult a doctor.
After swallowing	Do not induce vomiting; immediately call for medical help. Drink copious amounts of water and provide fresh air. Immediately call a doctor.

Notes to Physician

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.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media:	CO ₂ extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
Special hazards arising from the substance or mixture	No further relevant information available
Protective equipment	As in any fire, wear self contained breathing apparatus pressure demand (NIOSH approved or equivalent) and full protective gear to prevent contact with skin and eyes.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:	Wear protective equipment. Keep unprotected persons away.
Environmental precautions:	Inform respective authorities in case of seepage into water course or sewage system. Do not allow got enter sewers/ surface or ground water.
Methods and material for containment and cleaning up	Absorb with liquid binding material (i.e. sand, diatomite, acid binders, universal binders, sawdust). Use neutralizing agent Dispose contaminated material as waste according to section 13. Ensure adequate ventilation Dispose of the collected material according to regulations
Reference to other sections	See section 7 for information on safe handling See section 8 for information on personal protection See section 13 for disposal information

7. HANDLING AND STORAGE

Handling

Precautions for safe handling	Ensure good ventilation/exhaustion at the workplace Prevent formation or aerosols
Information about protection against explosions and fires	No special measures required

HXTAL Adhesive, LLC. - HXTAL NYL-1 Part B SDS Sheets
Revision Date 05/01/22

Conditions for safe storage,
including any
incompatibilities:

Storage

Requirements to be met by storerooms and receptacles:	No special requirements
Information about storage in one common storage facility	No required
Further information about storage conditions	No further relevant information available
Specific end uses:	No further relevant information available

8. EXPOSURE CONTROL / PERSONAL PROTECTION

Additional information about design of technical systems:	No further data, see section 7
Control parameters	
Components with occupational exposure limits	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 for handling chemicals should be followed Keep away from foodstuffs, beverages, and feed Immediately remove all soiled and contaminated clothing and wash before re-use Wash hands before breaks and at the end of work Avoid contact with the eyes Avoid contact with the eyes and skin
Breathing equipment	Not required
Protection of hands	Protective gloves: The glove material has to be impermeable and resistant to the product. Due to missing tests no recommendation to the glove material can be given for the product.

HXTAL Adhesive, LLC. - HXTAL NYL-1 Part B SDS Sheets
Revision Date 05/01/22

Material of gloves	The selection of 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 cannot be calculated in advance and has therefore to be checked prior to the application
Penetration time of glove material	The exact break-through time has to be determined and observed by the manufacturer of the protective gloves.
Eye protection	Tightly sealed goggles

9. PHYSICAL AND CHEMICAL PROPERTIES

Form:	viscous liquid
Color:	Colorless
Odor:	Ammoniacal
pH:	12.3
Water solubility:	Soluble
Boiling point/range:	256°C (493°F)
Flash point:	none
Relative vapor density:	>1 (Air = 1.0)
Vapor pressure:	not determined
Specific Gravity:	0.9812
Relative Density:	0.98 (Water = 1.0)
Viscosity, dynamic:	>80 CPS at 25° C
Auto igniting	Product is not self igniting
Danger of explosion	Product does not present an explosion hazard

10. STABILITY AND REACTIVITY

Reactivity	No further relevant information available
------------	---

HXTAL Adhesive, LLC. - HXTAL NYL-1 Part B SDS Sheets
Revision Date 05/01/22

Chemical stability	Stable under normal conditions
Thermal decomposition/ conditions to be avoided	No decomposition if used according to specifications
Possibility of hazardous reactions	No dangerous reactions known
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:

LD/LC50 value that are relevant for classification:

Oral LD50 - 880mg/kg (mouse)

Primary irritant effect

On the skin Strong caustic effect on skin and mucous membranes

On the eye Strong irritant with the danger of severe eye injury
Corrosive effect
Causes serious eye irritation

Additional toxicological information

The product shows the following dangers according to internally approved calculation methods for preparations:

Toxic

Harmful

Corrosive

Irritant

Swallowing will lead to a corrosive effect on mouth and throat and to the danger or performent of esophagus and stomach

Carcinogenic categories

IARC

Group 1	Carcinogenic to humans
Group 2A	Probably carcinogenic to humans
Group 2B	Possible carcinogenic to humans
Group 3	Not classifiable as to its carcinogenicity to humans
Group 4	Probably not carcinogenic to humans

None of the ingredients are listed

NTP National Toxicological Program

None of the ingredients are listed

OSHA-Ca

None of the ingredients are listed

12. ECOLOGICAL INFORMATION

Toxicity:

Aquatic toxicity

Avoid release into the environment. Runoff from fire control or dilution water may cause pollution

Persistence and degradability No further relevant information availalbe

Bioaccumulative potential No further relevant information availalbe

Mobility in soil No further relevant information availalbe

Additional ecological information

General notes

HXTAL Adhesive, LLC. - HXTAL NYL-1 Part B SDS Sheets
Revision Date 05/01/22

Do not allow precut to reach ground water, water course, or sewage system. Must not reach bodies of water or drainage ditch undiluted or unneutralized. Danger to drinking water if even small quantities leak into the ground.

Rinse off bigger amounts into drains or the aquatic environment may lead to increased pH-values. A high pH-value harms aquatic organisms. In the dilution of the use level pH-value is considerably reduced, so that after the use of the product aqueous waste, emptied into drains is only low water-dangerous.

Results of PBT and vPvB assesment:

PBT: Not applicable

vPvB: Not applicable

Other adverse effects: No further relevant information available

13. DISPOSAL CONSIDERATIONS

Waste treatment methods:

Recommendation

Must not be disposed of together with household garbage. Do not allow product to reach sewage system. Observe all federal, state and local environmental regulations when disposing of this material

Uncleaned packagings

Recommendation

Disposal must be made according to official regulations

14. TRANSPORT INFORMATION

DOT Classification:

Proper shipping name: Amines, corrosive liquids, n.o.s. (ALKYL ETHER AMINE)

Class: 8

UN ID#: 2735

Packing Group: III

IATA Classification:

HXTAL Adhesive, LLC. - HXTAL NYL-1 Part B SDS Sheets
Revision Date 05/01/22

Proper shipping name: Amines, corrosive liquids, n.o.s. (ALKYL ETHER AMINE)
Class: 8
UN ID#: 2735
Packing Group: III

15. REGULATORY INFORMATION

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

SARA

Section 355 (extremely hazardous substances) None of the ingredients are listed

Section 313 (specific toxic chemical listings) None of the ingredients are listed

TSCA All ingredients are listed

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

Chemicals known to cause reproductive toxicity for females None of the ingredients are listed

Chemicals known to cause reproductive toxicity for males: None of the ingredients are listed

Chemicals known to cause developmental toxicity None of the ingredients are listed

Carcinogenic categories

EPA None of the ingredients are listed

TLV None of the ingredients are listed

NIOSH-Ca None of the ingredients are listed

16. OTHER INFORMATION

HXTAL Adhesive, LLC. - HXTAL NYL-1 Part B SDS Sheets
Revision Date 05/01/22

The information and recommendations in this safety data sheet are, to the best of our knowledge, accurate as of the date of issue. Nothing herein shall be deemed to create warranty, expressed or implied, and shall not establish a legally valid contractual relationship. It is the responsibility of the user to determine applicability of this information and the suitability of the material or product for any particular purpose.