

Waterproof Epoxy Shringe Adhesive Hardener

Issue date: 17.07.2023 Version: 0.0

SECTION 1: Identification

1.1. Identification

Product form : Mixture
Trade name : Stanley Waterproof Epoxy Shringe Adhesive Hardener

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

No additional information available

1.3. Details of the supplier of the safety data sheet

NUCLEUS INCORPORATED
13901 WILLARD RD, CHANTILLY, VA 20151
+1 703 988 7773

1.4. Emergency telephone number

For Hazardous Materials [or Dangerous Goods] Incident Spill, Leak, Fire, Exposure, or Accident
Call CHEMTREC Day or Night
[1-800-424-9300](tel:1-800-424-9300)

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS-US classification

Germ cell mutagenicity, category 2	Suspected of causing genetic defects.
Acute toxicity, category 4	Harmful if swallowed.
Acute toxicity, category 4	Harmful if inhaled.
Specific target organ toxicity - repeated exposure, category 2	May cause damage to organs through prolonged or repeated exposure.
Skin corrosion, category 1	Causes severe skin burns and eye damage.
Serious eye damage, category 1	Causes serious eye damage.
Skin sensitization, category 1B	May cause an allergic skin reaction.

Full text of H statements : see section 16

2.2. Label elements

GHS-US labeling

Hazard pictograms (GHS-US) :



Signal word (GHS-US) :

Danger

Hazard statements (GHS-US) :

H341 Suspected of causing genetic defects.
H302 Harmful if swallowed.
H332 Harmful if inhaled.
H373 May cause damage to organs through prolonged or repeated exposure.
H314 Causes severe skin burns and eye damage.
H318 Causes serious eye damage.
H317 May cause an allergic skin reaction.

Precautionary statements (GHS-US) :

P260 Do not breathe dust / fume / gas / mist / vapours / spray.
P202 Do not handle until all safety precautions have been read and understood.
P201 Obtain special instructions before use.
P280 Wear protective gloves/ protective clothing / eye protection / face protection.
P270 Do not eat, drink or smoke when using this product.
P271 Use only outdoors or in a well-ventilated area.

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P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
 P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water / shower.

P310 Immediately call a POISON CENTER / doctor
 P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
 P405 Store locked up.
 P501 Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation

2.3. Other hazards

No additional information available

2.4. Unknown acute toxicity (GHS US)

Not applicable

SECTION 3: Composition/Information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

Name	Product identifier	%	GHS-US classification
BENZYL ALCOHOL	100-51-6	< 20	Acute toxicity, category 4 H302, Acute toxicity, category 4 H332
PHENOL	108-95-2	< 10	Germ cell mutagenicity, category 2 H341, Acute toxicity, category 3 H301, Acute toxicity, category 3 H311, Acute toxicity, category 3 H331, Specific target organ toxicity - repeated exposure, category 2 H373, Skin corrosion, category 1B H314, Serious eye damage, category 1 H318
M-PHENYLENEBIS (METHYLAMINE)	1477-55-0	< 5	Acute toxicity, category 4 H302, Acute toxicity, category 4 H332, Skin corrosion, category 1B H314, Serious eye damage, category 1 H318, Skin sensitization, category 1B H317, Hazardous to the aquatic environment, chronic toxicity, category 3 H412

Full text of hazard classes and H-statements : see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

- First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.
- First-aid measures after skin contact : Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention.
- First-aid measures after eye contact : Remove contact lenses, if present. Wash immediately with plenty of water for at least 30-60 minutes, opening the eyelids fully. Get medical advice/attention.
- First-aid measures after ingestion : Have the subject drink as much water as possible. Get medical advice/attention. Do not induce vomiting unless explicitly authorised by a doctor.

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

Specific information on symptoms and effects caused by the product are unknown.

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

Information not available

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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : The extinguishing equipment should be of the conventional kind: carbon dioxide, foam, powder and water spray.

5.2. Special hazards arising from the substance or mixture

Hazards caused by exposure in the event of fire : Do not breathe combustion products

5.3. Advice for firefighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures : Ventilate spillage area. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapors/spray.

6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

6.2. Environmental precautions

The product must not penetrate into the sewer system or come into contact with surface water or ground water.

6.3. Methods and material for containment and cleaning up

For containment : Collect spillage.
 Methods for cleaning up : Take up liquid spill into absorbent material.
 Other information : Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

Any information on personal protection and disposal is given in sections 8 and 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Before handling the product, consult all the other sections of this material safety data sheet. Avoid leakage of the product into the environment. Do not eat, drink or smoke during use. Remove any contaminated clothes and personal protective equipment before entering places in which people eat

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store only in the original container. Store the containers sealed, in a well ventilated place, away from direct sunlight. Keep containers away from any incompatible materials, see section 10 for details.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Regulatory References

USA	NIOSH-REL	NIOSH publication No. 2005-149, 3th printing, 2007.
USA	OSHA-PEL	Occupational Exposure Limits - Limits for Air Contaminants TABLE Z-1-1910.1000.
USA	CAL/OSHA-PEL	California Division of Occupational Safety and Health (Cal-OSHA) Permissible Exposure Limits (PELs).
EU	OEL EU	Directive (EU) 2022/431; Directive (EU) 2019/1831; Directive (EU) 2019/130; Directive (EU) 2019/983; Directive (EU) 2017/2398; Directive (EU) 2017/164; Directive 2009/161/EU; Directive 2006/15/EC; Directive 2004/37/EC; Directive 2000/39/EC; Directive 98/24/EC; Directive 91/322/EEC.
	TLV-ACGIH	ACGIH 2022

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M-PHENYLENEBIS (METHYLAMINE)							
Threshold Limit Value							
Type	Country	TWA/8h		STEL/15min		Remarks / Observations	
		mg/m3	ppm	mg/m3	ppm		
TLV-ACGIH	-			0,018 (C)		SKIN	
CAL/OSHA	USA	0.1				SKIN	
NIOSH	USA			0,1 (C)		SKIN	

PHENOL							
Threshold Limit Value							
Type	Country	TWA/8h		STEL/15min		Remarks / Observations	
		mg/m3	ppm	mg/m3	ppm		
OEL	EU	8	2	16	4	SKIN	
TLV-ACGIH	-	19.2	5			SKIN	
OSHA	USA	19	5			SKIN	
CAL/OSHA	USA	19	5			SKIN	
NIOSH	USA	19	5	60 (C)	15,6 (C)	SKIN	

Legend: (C) = CEILING ; INHAL = Inhalable Fraction ; RESP = Respirable Fraction ; THORA = Thoracic Fraction.

8.2. Exposure controls

Appropriate engineering controls : Ensure good ventilation of the work station.
Environmental exposure controls : Avoid release to the environment.

8.3. Individual protection measures/Personal protective equipment

Hand protection:

Protective gloves. EN 374

Eye protection:

Safety glasses. EN 166

Skin and body protection:

Wear suitable protective clothing

Respiratory protection:

EN 14387. [In case of inadequate ventilation] wear respiratory protection.

Personal protective equipment symbol(s):

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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: Liquid.
Color	: Light yellow
Odor	: strong
Odor threshold	: No data available
pH	: No data available
Melting point	: Not applicable
Freezing point	: No data available
Boiling point	: No data available
Flash point	: >120 °C
Relative evaporation rate (butyl acetate=1)	: No data available
Flammability (solid, gas)	: No data available
Explosion limits	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available
Vapor pressure	: No data available
Relative density	: No data available
Relative vapor density at 20 °C	: No data available
Specific gravity / density	: 1.01 – 1.05 g/m ³
Solubility	: No data available
Log Pow	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

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10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity	: Corrosive to the respiratory tract.
Skin corrosion/irritation	: Causes skin irritation.
Serious eye damage/irritation	: Causes serious eye irritation.
Respiratory or skin sensitization	: Sensitising for the skin
Germ cell mutagenicity	: Suspected of causing genetic defects
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
Specific target organ toxicity (single exposure)	: Not classified
Specific target organ toxicity (repeated exposure)	: May cause damage to organs
Aspiration hazard	: Not classified
Symptoms/injuries after skin contact	: Not classified
Symptoms/injuries after eye contact	: Not classified.

SECTION 12: Ecological information

12.1. Toxicity

M-PHENYLENEBIS (METHYLAMINE)

LC50 - for Fish	87,6 mg/l/96h Oryzias latipes
EC50 - for Crustacea	15,2 mg/l/48h Daphnia magna
EC50 - for Algae / Aquatic Plants	20,3 mg/l/72h Pseudokirchnerella subcapitata

12.2. Persistence and degradability

M-PHENYLENEBIS (METHYLAMINE)

Solubility in water 1000 - 10000 mg/l

Rapidly degradable
BENZYL ALCOHOL

Rapidly degradable
PHENOL

Rapidly degradable

12.3. Bioaccumulative potential

M-PHENYLENEBIS (METHYLAMINE)

Partition coefficient: n-octanol/water 0.18

BENZYL ALCOHOL

Partition coefficient: n-octanol/water 1.1

PHENOL

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Partition coefficient: n-octanol/water 1.47

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Information not available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

SECTION 14: Transport information

14.1. UN number

ADR / RID, IMDG, IATA: 3267

14.2. UN proper shipping name

ADR / RID: CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S.
IMDG: CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S.
IATA: CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S.

14.3. Transport hazard class(es)

ADR / RID: Class: 8 Label: 8
IMDG: Class: 8 Label: 8
IATA: Class: 8 Label: 8



14.4. Packing group

ADR / RID, IMDG, IATA: II

14.5. Environmental hazards

ADR / RID: NO
IMDG: NO
IATA: NO

14.6. Special precautions for user

ADR / RID: HIN - Kemler: 80 Limited Quantities: 1 L Tunnel restriction code: (E)
Special provision: 274
IMDG: EMS: F-A, S-B Limited Quantities: 1 L

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IATA:	Cargo:	Maximum quantity: 30 L	Packaging instructions: 855
	Passengers:	Maximum quantity: 1 L	Packaging instructions: 851
	Special provision:	A3, A803	

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Information not relevant

SECTION 15: Regulatory information

Clean Air Act Section 112(b):

108-95-2 PHENOL (Phenols)

Clean Air Act Section 602 Class I Substances:

No component(s) listed.

Clean Air Act Section 602 Class II Substances:

No component(s) listed.

Clean Water Act Priority Pollutants:

108-95-2 PHENOL (Phenols)

Clean Water Act Toxic Pollutants:

108-95-2 PHENOL (Phenols)

DEA List I Chemicals (Precursor Chemicals):

1477-55-0 M-PHENYLENEBIS
(METHYLAMINE) (Methylamine)

DEA List II Chemicals (Essential Chemicals):

No component(s) listed.

EPA List of Lists:

313 Category Code:

108-95-2 PHENOL (Phenols)

EPCRA 302 EHS TPQ:

108-95-2 PHENOL (Phenols)

EPCRA 304 EHS RQ:

108-95-2 PHENOL (Phenols)

CERCLA RQ:

108-95-2 PHENOL (Phenols)

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EPCRA 313 TRI:

108-95-2 PHENOL (Phenols)

RCRA Code:

108-95-2 PHENOL (Phenols)

CAA 112 (r) RMP TQ:

No component(s) listed.

State Regulations

Massachusetts:

1477-55-0 M-PHENYLENEBIS
(METHYLAMINE) (Methylamine)
100-51-6 BENZYL ALCOHOL
108-95-2 PHENOL (Phenols)

Minnesota:

1477-55-0 M-PHENYLENEBIS
(METHYLAMINE) (Methylamine)
100-51-6 BENZYL ALCOHOL
108-95-2 PHENOL (Phenols)

New Jersey:

1477-55-0 M-PHENYLENEBIS
(METHYLAMINE) (Methylamine)
108-95-2 PHENOL (Phenols)

New York:

108-95-2 PHENOL (Phenols)

Pennsylvania:

1477-55-0 M-PHENYLENEBIS
(METHYLAMINE) (Methylamine)
100-51-6 BENZYL ALCOHOL
108-95-2 PHENOL (Phenols)

California:

1477-55-0 M-PHENYLENEBIS
(METHYLAMINE) (Methylamine)
108-95-2 PHENOL (Phenols)

Proposition 65:

This product does not contain any substances know to the State of California to cause cancer, reproductive harm or birth defects.

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International Regulations

Substances subject to exportation reporting pursuant to Regulation (EU) 649/2012:
None

Substances subject to the Rotterdam Convention:
None

Substances subject to the Stockholm Convention:
None

SECTION 16: Other information

Text of hazard (H) indications mentioned in section 2-3 of the sheet:

H341	Suspected of causing genetic defects.
H301	Toxic if swallowed.
H311	Toxic in contact with skin.
H331	Toxic if inhaled.
H302	Harmful if swallowed.
H332	Harmful if inhaled.
H373	May cause damage to organs through prolonged or repeated exposure.
H314	Causes severe skin burns and eye damage.
H318	Causes serious eye damage.
H317	May cause an allergic skin reaction.
H412	Harmful to aquatic life with long lasting effects.

SDS US STANLEY

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