



# Safety Data Sheet

acc. to OSHA HCS

Printing date 01/23/2024

Reviewed on 01/23/2024

Page 1/8

# **1** Identification

## - Product identifier

- Trade name: Vibra-TITE® UV Adhesive

- Synonyms: 211 Light Cure Adhesive
- Part number: VT211
- Application of the substance / the mixture Adhesives

#### - Details of the supplier of the safety data sheet

- *Manufacturer*/*Supplier:* ND Industries, Inc 1000 North Crooks Road Clawson, MI 48017 USA Telephone: +1-248-288-0000 Email: info@ndindustries.com Website: www.ndindustries.com

- Information department: Product Safety Department

- *Emergency telephone number:* United States: 1-800-424-9300 International: +1-703-527-3887

# 2 Hazard(s) identification

## - Classification of the substance or mixture



GHS08 Health hazard

Toxic to Reproduction 2 H361 Suspected of damaging fertility or the unborn child.

GHS05 Corrosion

Eye Damage 1

H318 Causes serious eye damage.

GHS07

Skin Irritation 2H315 Causes skin irritation.Sensitization - Skin 1H317 May cause an allergic skin reaction.

- Label elements

- GHS label elements The product is classified and labeled according to the Globally Harmonized System (GHS).
  - Hazard pictograms



- **Signal word** Danger

- Signal word Danger
- Hazard-determining components of labeling: Acrylic Esters
- Silane diphenyl(2,4,6- trimethylbenzoyl)phosphine oxide acrylic acid
- 2-hydroxyethyl methacrylate
- Hazard statements
- H315 Causes skin irritation.
- H318 Causes serious eye damage.
- H317 May cause an allergic skin reaction.
- H361 Suspected of damaging fertility or the unborn child.
- Precautionary statements
- P201 Obtain special instructions before use.
- P202 Do not handle until all safety precautions have been read and understood.

Reviewed on 01/23/2024

# Safety Data Sheet

acc. to OSHA HCS

Printing date 01/23/2024

#### Trade name: Vibra-TITE® UV Adhesive

		(Contd. of pa	ge 1)
	P261	Avoid breathing dust/fume/gas/mist/vapors/spray	
	P264	Wash thoroughly after handling.	
	P272	Contaminated work clothing must not be allowed out of the workplace.	
	P280	Wear protective gloves/protective clothing/eye protection/face protection.	
	P280	Wear protective gloves.	
	P280	Wear eye protection / face protection.	
	P302+P352	If on skin: Wash with plenty of water.	
	P305+P351+P338	If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to d	о.
		Continue rinsing.	
	P310	Immediately call a poison center/doctor.	
	P308+P313	IF exposed or concerned: Get medical advice/attention.	
	P321	Specific treatment (see on this label).	
	P362+P364	Take off contaminated clothing and wash it before reuse.	
	P332+P313	If skin irritation occurs: Get medical advice/attention.	
	P333+P313	If skin irritation or rash occurs: Get medical advice/attention.	
	P363	Wash contaminated clothing before reuse.	
	P405	Store locked up.	
	P501	Dispose of contents/container in accordance with local/regional/national/international regulations.	
- Other	hazards		

# - Results of PBT and vPvB assessment

- **PBT:** Not applicable.

- vPvB: Not applicable.

# **3** Composition/information on ingredients

#### - Chemical characterization: Mixtures

- **Description:** Mixture of the substances listed below with nonhazardous additions.

CAS: 5888-33-5	Acrylic Esters	60 - 69%
	Sensitization - Skin 1B, H317	
	Urethane acrylate Oligomer	10 – 19%
	Skin Irritation 2, H315; Eye Irritation 2B, H320	
CAS: 7534-94-3	Isobornyl Methacrylate	5 – 9%
	Skin Irritation 2, H315; Eye Irritation 2A, H319	
CAS: 868-77-9	2-hydroxyethyl methacrylate	4.46%
	Skin Irritation 2, H315; Eye Irritation 2A, H319; Sensitization - Skin 1, H317	
CAS: 2530-83-8	Silane	1 – 4%
	Eye Damage 1, H318	
CAS: 75980-60-8	diphenyl(2,4,6- trimethylbenzoyl)phosphine oxide	1 – 4%
	Toxic to Reproduction 2, H361; Sensitization - Skin 1, H317	
CAS: 79-10-7	acrylic acid	1 – 4%
	Flammable Liquids 3, H226; Skin Corrosion 1A, H314; Eye Damage 1, H318; Acute Toxicity - Oral 4, H302; Acute Toxicity - Dermal 4, H312; Acute Toxicity - Inhalation 4, H332	
CAS: 7473-98-5	2-hydroxy-2-methylpropiophenone	1 – 4%
	Acute Toxicity - Oral 4, H302	

#### 4 First-aid measures

- Description of first aid measures

#### - After inhalation:

Supply fresh air and to be sure call for a doctor.

In case of unconsciousness place patient stably in side position for transportation.

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. If symptoms persist, consult a doctor.

- After swallowing: If symptoms persist consult doctor.

- 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.

# 5 Fire-fighting measures

- Extinguishing media

- Suitable extinguishing agents: Use fire fighting measures that suit the environment.

- Special hazards arising from the substance or mixture No further relevant information available.

Printing date 01/23/2024

#### Trade name: Vibra-TITE® UV Adhesive

# - Advice for firefighters

- Protective equipment:

Wear self-contained respiratory protective device. Wear fully protective suit.

#### 6 Accidental release measures

Personal precautions, protective equipment and emergency procedures
 Ensure adequate ventilation
 Wear protective clothing.

 Environmental precautions:
 Inform respective authorities in case of seepage into water course or sewage system.
 Do not allow to enter sewers/ surface or ground water.

 Methods and material for containment and cleaning up:
 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 equipment. See Section 13 for disposal information.

# 7 Handling and storage

#### - Handling:

- Precautions for safe handling

Ensure good ventilation/exhaustion at the workplace.

Prevent formation of aerosols.

- Information about protection against explosions and fires: No special measures required.

#### - 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: Not required.
  - Further information about storage conditions: Keep receptacle tightly sealed.

- Specific end use(s) No further relevant information available.

## 8 Exposure controls/personal protection

- Additional information about design of technical systems: No further data; see section 7.

#### - Control parameters

#### Components with limit values that require monitoring at the workplace:

The following constituent is the only constituent of the product which has a PEL, TLV or other recommended exposure limit. At this time, the other constituents have no known exposure limits.

# CAS: 79-10-7 acrylic acid

REL	Long-term value: 6 mg/m³, 2 ppm Skin
TLV	Long-term value: 2 ppm Skin, A3

- Additional information: The lists that were valid during the creation were used as basis.

#### - Exposure controls

#### - Personal protective equipment:

- General protective and hygienic measures:

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing.

Wash hands before breaks and at the end of work.

Avoid contact with the eyes and skin.

## - Breathing equipment:

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.

#### Protection of hands:



The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

(Contd. of page 2)

Reviewed on 01/23/2024

# Safety Data Sheet acc. to OSHA HCS

Printing date 01/23/2024

# Trade name: Vibra-TITE® UV Adhesive

(Contd. of page 3)

Reviewed on 01/23/2024

#### - Material of 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. Nitrile rubber, NBR

- Penetration time of glove material

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

- Eye protection: Required use of safety glasses
- Body protection: Protective work clothing

9 Physical and chemical properties			
- Information on basic physical and ch - General Information - Appearance:	emical properties		
- Form:	Liquid		
- Color:	Clear		
- Odor:	Characteristic		
- Odor threshold:	Not determined.		
- pH-value:	Not determined.		
- Change in condition - Melting point/Melting range: - Boiling point/Boiling range:	Undetermined. ≥ 275 °C (≥ 527 °F)		
- Flash point:	101 °C (213.8 °F)		
- Flammability (solid, gaseous):	Not applicable.		
- Decomposition temperature:	Not determined.		
- Ignition temperature:	Product is not selfigniting.		
- Danger of explosion:	Product does not present an explosion hazard.		
- Explosion limits: - Lower: - Upper:	Not determined. Not determined.		
- Vapor pressure:	Not determined.		
- Density at 20 °C (68 °F): - Relative density - Vapor density - Evaporation rate	~ 1.01255 g/cm <sup>3</sup> (~ 8.44973 lbs/gal) Not determined. Not determined. Not determined.		
- Solubility in / Miscibility with - Water:	Not miscible or difficult to mix.		
- Partition coefficient (n-octanol/wa	- Partition coefficient (n-octanol/water): Not determined.		
- Viscosity: - Dynamic at 20 °C (68 °F): - Kinematic:	150 mPas Not determined.		
- Solvent content: - VOC content:	0.00 % 0.0 g/l / 0.00 lb/gal		
- Solids content:	1.9 %		
- Other information	No further relevant information available.		
10 Stability and reactivity			

# 10 Stability and reactivity

- *Reactivity* No further relevant information available.

- Chemical stability

- 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.

Printing date 01/23/2024

# Trade name: Vibra-TITE® UV Adhesive

Reviewed on 01/23/2024

IUXICUI	ogioai ii	nformation		
	-	oxicological effects		
	e toxicity			
	•	alues that are relevant for classification:		
		/ Estimate)		
Oral	LD50	14,387 mg/kg (rat)		
Dermal	LD50	18,065 mg/kg (rabbit)		
	LC50/4 h			
		droxyethyl methacrylate		
Oral	LD50	5,050 mg/kg (rat)		
		phenyl(2,4,6- trimethylbenzoyl)phosphine oxide		
Oral	LD50	> 5,000 mg/kg (rat)		
	0-7 acryli			
Oral	LD50	250 mg/kg (rat)		
	LD50	280 mg/kg (rabbit)		
		11 mg/l (ATE)		
		ydroxy-2-methylpropiophenone		
Oral	LD50	1,694 mg/kg (rat)		
		ritant effect:		
		<i>skin:</i> Irritant to skin and mucous membranes.		
		eye: Irritating effect.		
		on: Sensitization possible through skin contact.		
- Addit	tional tox	cicological information:		
The product shows the following dangers according to internally approved calculation methods for preparations:				
		ws the following dangers according to internally approved calculation methods for preparations:		
Irritant		ws the following dangers according to internally approved calculation methods for preparations:		
Irritant	t	ws the following dangers according to internally approved calculation methods for preparations: <i>nic categories</i>		
Irritant - <b>C</b> á	arcinoge	nic categories		
Irritant - Ca	arcinoge - IARC (I	nic categories International Agency for Research on Cancer)		
Irritant - <b>Ca</b> CAS: 79-1	a <b>rcinoge</b> - <b>IARC (I</b> 0-7 acrylio	nic categories International Agency for Research on Cancer) c acid		
Irritant - <b>C</b> á CAS: 79-1	t arcinoge - IARC (I 0-7 acrylic - NTP (N	nic categories International Agency for Research on Cancer) c acid ational Toxicology Program)		
Irritant - <b>Ca</b> CAS: 79-1 None of th	t - IARC (I 0-7 acrylid - NTP (N ne ingredie	nic categories International Agency for Research on Cancer) c acid Intional Toxicology Program) Ints is listed.		
Irritant - <b>Ci</b> CAS: 79-1 None of th	t - IARC (I 0-7 acrylid - NTP (N e ingredie - OSHA-0	nic categories International Agency for Research on Cancer) c acid ational Toxicology Program) Ints is listed. Ca (Occupational Safety & Health Administration)		
Irritant - <b>Ci</b> CAS: 79-1 None of th	t - IARC (I 0-7 acrylid - NTP (N e ingredie - OSHA-0	nic categories International Agency for Research on Cancer) c acid Intional Toxicology Program) Ints is listed.		
Irritant - <b>C</b> i CAS: 79-1 None of th None of th	t - IARC (I 0-7 acrylid - NTP (N e ingredie - OSHA-0	nic categories International Agency for Research on Cancer) c acid ational Toxicology Program) nts is listed. Ca (Occupational Safety & Health Administration) nts is listed.		
Irritant - Ca CAS: 79-1 None of th None of th Ecologi	t - IARC (I 0-7 acrylid - NTP (N ie ingredie - OSHA-( ie ingredie	nic categories International Agency for Research on Cancer) c acid ational Toxicology Program) nts is listed. Ca (Occupational Safety & Health Administration) nts is listed.		
Irritant - Ca CAS: 79-1 None of th None of th Ecologi Toxicity	t - IARC (I. 0-7 acrylid - NTP (N. e ingrediel - OSHA-d ne ingrediel cal infor	nic categories International Agency for Research on Cancer) c acid International Toxicology Program) Ints is listed. Ca (Occupational Safety & Health Administration) Ints is listed. Ints is listed.		
Irritant - Ca CAS: 79-1 None of th None of th Ecologi Toxicity - Aqua	t arcinoge - IARC (I. 0-7 acrylic - NTP (N. te ingrediel - OSHA-C te ingrediel cal infor tic toxici	nic categories International Agency for Research on Cancer) c acid International Toxicology Program) Ints is listed. Ca (Occupational Safety & Health Administration) Ints is listed. Ints is listed. Intration		
Irritant - Ca CAS: 79-1 None of th None of th Ecologi Toxicity - Aqua Persister	t arcinoge - IARC (I. 0-7 acrylid - NTP (N. ae ingrediel - OSHA- ae ingrediel cal infor cal infor tic toxici nce and	nic categories International Agency for Research on Cancer) c acid ational Toxicology Program) nts is listed. Ca (Occupational Safety & Health Administration) nts is listed. rmation ity: No further relevant information available. degradability No further relevant information available.		
Irritant - Ca CAS: 79-1 None of th None of th Ecologi Toxicity - Aqua Behavio	arcinoge - IARC (I. 0-7 acrylic - NTP (N. ie ingrediel - OSHA-C ie ingrediel cal infor actic toxici nce and o r in envir	nic categories International Agency for Research on Cancer) c acid International Toxicology Program) Ints is listed. Ca (Occupational Safety & Health Administration) Ints is listed. Internation Ints is listed. Internation Ints is listed.		
Irritant - Ca CAS: 79-1 None of th Ecologi Toxicity - Aqua Persister Behavior - Bioac	t arcinoge - IARC (I. 0-7 acrylic - NTP (N. te ingrediel - OSHA-C ae ingrediel cal infor cal infor nce and c r in envir ccumulat	nic categories International Agency for Research on Cancer) c acid International Toxicology Program) Ints is listed. Ca (Occupational Safety & Health Administration) Ints is listed. Ints is listed. Intration Ints is listed. Intervention Ints is listed. Intervention Ints is listed. Intervention Ints is listed. Intervention Ints is listed. Intervention Ints is listed. Intervention		
Irritant - Ca CAS: 79-1 None of th Ecologi Toxicity - Aqua Persister Behavior - Bioac - Mobil	t arcinoge - IARC (I. 0-7 acrylic - NTP (N. te ingrediel - OSHA-C ae ingrediel cal infor cal infor nce and c r in envir ccumulat	nic categories International Agency for Research on Cancer) c acid International Toxicology Program) Ints is listed. Ca (Occupational Safety & Health Administration) Ints is listed. Ca (Occupational Safety & Health Administration) Ints is listed. If y: No further relevant information available. If y: No further relevant information available. If y: the potential No further relevant information available. If y is further relevant information available. If y is further relevant information available. If No further relevant information available.		
Irritant - Ca CAS: 79-1 None of th Ecologi Toxicity - Aqua Persister Behavior - Bioac - Mobin Ecotoxic	arcinoge - IARC (I. 0-7 acrylic - NTP (N. ie ingrediel - OSHA-C ie ingrediel cal infor actic toxici nce and of r in envir ccumulat lity in sol cal effects	nic categories International Agency for Research on Cancer) c acid International Toxicology Program) Ints is listed. Ca (Occupational Safety & Health Administration) Ints is listed. Ca (Occupational Safety & Health Administration) Ints is listed. If y: No further relevant information available. If y: No further relevant information available. If y: the potential No further relevant information available. If y further relevant information available. If No further relevant information available. If No further relevant information available. If No further relevant information available.		
Irritant - Ca CAS: 79-1 None of th Ecologi Toxicity - Aqua Persister Behavior - Bioac - Mobin Ecotoxic - Rema	arcinoge - IARC (I. 0-7 acrylic - NTP (N. ie ingrediel - OSHA-C ie ingrediel cal infor cal infor cal infor cumulat lity in sol cal effects ark: Very t	nic categories International Agency for Research on Cancer) c acid International Toxicology Program) Ints is listed. Ca (Occupational Safety & Health Administration) Ints is listed. Ca (Occupational Safety & Health Administration) Ints is listed. If y: No further relevant information available. If y: No further relevant information available. If y: the potential No further relevant information available. If y is further relevant information available. If y is further relevant information available. If No further relevant information available.		
Irritant - Ca - Ca CAS: 79-1 None of th Ecologi Toxicity - Aqua Persister Behavior - Bioac - Mobil Ecotoxic - Rema Addition	arcinoge - IARC (I. 0-7 acrylic - NTP (N. ie ingrediel - OSHA-C ie ingrediel cal infor cal infor cal infor cumulat lity in sol cal effects ark: Very t	nic categories International Agency for Research on Cancer) c acid ational Toxicology Program) Ints is listed. Ca (Occupational Safety & Health Administration) Ints is listed. Ca (Occupational Safety & Health Administration) Ints is listed. Trmation ity: No further relevant information available. degradability No further relevant information available. onmental systems: tive potential No further relevant information available. il No further relevant information available. s: toxic for fish gical information:		
Irritant - Ca - Ca CAS: 79-1 None of th Ecologi Toxicity - Aqua Persister Behavior - Bioac - Mobil Ecotoxic - Rema Addition - Gene	arcinoge - IARC (I. 0-7 acrylic - NTP (N. ie ingrediel - OSHA-C ie ingrediel cal infor cal infor cal infor cumulat lity in sol cal effects ark: Very t bal ecologeral notes	nic categories International Agency for Research on Cancer) c acid ational Toxicology Program) Ints is listed. Ca (Occupational Safety & Health Administration) Ints is listed. Ca (Occupational Safety & Health Administration) Ints is listed. Trmation ity: No further relevant information available. degradability No further relevant information available. onmental systems: tive potential No further relevant information available. il No further relevant information available. s: toxic for fish gical information:		
Irritant - Ca - Ca CAS: 79-1 None of th Ecologi Toxicity - Aqua Persister Behavior - Bioac - Mobin Ecotoxic - Rema Addition - Gene Water Do not	arcinoge - IARC (I. 0-7 acrylic - NTP (N. e ingrediel - OSHA- e ingrediel cal infor cal infor cal infor ccumulat lity in sol cal effect: ark: Very t al ecolog ral notes hazard cla t allow und	nic categories International Agency for Research on Cancer) c acid ational Toxicology Program) ints is listed. Ca (Occupational Safety & Health Administration) ints is listed. Ca (Occupational Safety & Health Administration) ints is listed. remation ity: No further relevant information available. degradability No further relevant information available. commental systems: tive potential No further relevant information available. if Si		
Irritant - Ca CAS: 79-1 None of th Ecologi Toxicity - Aqua Persisten Behavion - Bioac - Mobil Ecotoxic - Rema Addition - Gene Water Do nol Also p	arcinoge - IARC (I. 0-7 acrylic - NTP (N. ie ingrediel - OSHA- ie ingrediel cal infor cal infor cal infor ccumulat lity in sol cal effect: ark: Very t al ecolog ral notes hazard clat t allow und oisonous f	nic categories International Agency for Research on Cancer) c acid ational Toxicology Program) Ints is listed. Ca (Occupational Safety & Health Administration) Ints is listed. Ca (Occupational Safety & Health Administration) Ints is listed. Trmation ity: No further relevant information available. degradability No further relevant information available. degradability No further relevant information available. ity potential No further relevant information available. it No further relevant information available. is: toxic for fish gical information: : ass 1 (Self-assessment): slightly hazardous for water liluted product or large quantities of it to reach ground water, water course or sewage system. for fish and plankton in water bodies.		
Irritant - Ca CAS: 79-1 None of th None of th Ecologi Toxicity - Aqua Persisted Behaviou - Bioad - Bioad - Rema Addition - Gene Water Do not Also p Very to	arcinoge - IARC (I. 0-7 acrylic - NTP (N. ie ingredien - OSHA- ie ingredien cal infor actic toxici nce and a r in envir ccumulat lity in sol cal effects ark: Very t al ecolog ral notes hazard cla t allow und oisonous f oxic for aqu	nic categories International Agency for Research on Cancer) c acid ational Toxicology Program) Ints is listed. Ca (Occupational Safety & Health Administration) Ints is listed. Ca (Occupational Safety & Health Administration) Ints is listed. Ints is liste		
Irritant - Ca CAS: 79-1 None of th None of th Ecologi Toxicity - Aqua Persisted Behaviou - Bioad - Bioad - Bioad - Rema Addition - Gene Water Do noi Also p Very to	arcinoge - IARC (I. 0-7 acrylic - NTP (N. ie ingredien - OSHA- ie ingredien cal infor actic toxici nce and a r in envir ccumulat lity in sol cal effects ark: Very t al ecolog ral notes hazard cla t allow und oisonous f oxic for aqu of PBT all	nic categories International Agency for Research on Cancer) c acid ational Toxicology Program) Ints is listed. Ca (Occupational Safety & Health Administration) Ints is listed. Ca (Occupational Safety & Health Administration) Ints is listed. Trmation ity: No further relevant information available. degradability No further relevant information available. oromental systems: itye potential No further relevant information available. If No further relevant information: if No fu		
Irritant - Ca CAS: 79-1 None of th Ecologi Toxicity - Aqua Persisted Behaviou - Bioac - Mobil Ecotoxic - Rema Addition - Gene Water Do not Also p Very to Results of - PBT:	arcinoge - IARC (I. 0-7 acrylic - NTP (N. ie ingredien - OSHA- ie ingredien cal infor cal infor accumulat lity in sol cal effects ark: Very ti al ecologe ral notes hazard clat t allow und oisonous f oxic for aquio of PBT all Not applic	nic categories International Agency for Research on Cancer) c acid ational Toxicology Program) nts is listed. Ca (Occupational Safety & Health Administration) nts is listed. Ca (Occupational Safety & Health Administration) nts is listed. Treation ity: No further relevant information available. degradability No further relevant information available. ity potential No further relevant information available. if No further relevant information available. if No further relevant information available. is: is: is: is: is: is: is: is:		
Irritant - Ca CAS: 79-1 None of th None of th Ecologi Toxicity - Aqua Persister Behavior - Bioac - Mobil Ecotoxic - Rema Addition - Gene Water Do not Also p Very tr Results - PBT: - vPvB	arcinoge - IARC (I. 0-7 acrylic - NTP (N. e ingrediel - OSHA-C e ingrediel cal infor cal infor tic toxici nce and cal in envir cumulat lity in sol cal effects ark: Very tal ecologi ran otes hazard cla t allow und oisonous f poxic for aqu of PBT ai Not applic : Not applic	nic categories International Agency for Research on Cancer) c acid ational Toxicology Program) Ints is listed. Ca (Occupational Safety & Health Administration) Ints is listed. Ints is listed. Ints is listed. Ints of urther relevant information available. If No further relevant information availabl		
Irritant - Ca - Ca CAS: 79-1 None of th Ecologi Toxicity - Aqua Persister Behavior - Bioac - Mobin Ecotoxic - Rema Addition - Gene Water Do not Also p Very tr Results o - PBT: - vPvB Other ad	arcinoge - IARC (I. 0-7 acrylic - NTP (N. e ingrediel - OSHA-C ie ingrediel cal infor atic toxici nce and o r in envir ccumulat lity in sol cal effects ark: Very t bal ecology ral notes hazard cla t allow und oisonous f oxic for aqu of PBT all Not applic S: Not applic	nic categories International Agency for Research on Cancer) c acid ational Toxicology Program) nts is listed. Ca (Occupational Safety & Health Administration) nts is listed. Ca (Occupational Safety & Health Administration) nts is listed. Treation ity: No further relevant information available. degradability No further relevant information available. ity potential No further relevant information available. if No further relevant information available. if No further relevant information available. is: is: is: is: is: is: is: is:		

#### - Waste treatment methods

- Recommendation: Must not be disposed of together with household garbage. Do not allow product to reach sewage system. (Contd. on page 6)

(Contd. of page 5)

Printing date 01/23/2024

Trade name: Vibra-TITE® UV Adhesive

Reviewed on 01/23/2024

- Uncleaned packagings:

- Recommendation: Disposal must be made according to official regulations.

11NI Niconah a w	
UN-Number - DOT, IMDG, IATA	UN3082
UN proper shipping name	
- DOT	Environmentally hazardous substance, liquid, n.o.s. (isoborny
	acrylate, Acrylic acid, stabilized)
- IMDG	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,
	N.O.S. (isobornyl acrylate, ACRYLIC ACID, STABILIZED), MARINE POLLUTANT
- IATA	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,
	N.O.S. (isobornyl acrylate, ACRYLIC ACID, STABILIZED)
Transport hazard class(es)	
- DOT, IMDG, IATA	
$\mathbf{A}$	
- Class	9 Miscellaneous dangerous substances and articles
- Label	9
Packing group	
- DOT, IMDG, IATA	III
Environmental hazards:	Product contains environmentally hazardous substances: isoborn
	acrylate
- Marine pollutant:	No Yes (DOT)
	Symbol (fish and tree)
- Special marking (IATA):	Symbol (fish and tree)
Special precautions for user	Warning: Miscellaneous dangerous substances and articles
- Hazard identification number (Kemler code):	90
- EMS Number:	F-A,S-F
- Segregation groups	(SGG1) Acids
- Stowage Category	Α
Transport in bulk according to Annex II of MARPOL73/	
and the IBC Code	Not applicable.
Transport/Additional information:	
- DOT	
- Quantity limitations	On passenger aircraft/rail: 450 L
Demontor	On cargo aircraft only: 450 L
- Remarks:	Special marking with the symbol (fish and tree).
- IMDG	
- Limited quantities (LQ)	5L
<ul> <li>Excepted quantities (EQ)</li> </ul>	Code: E1
	Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
UN "Model Regulation":	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE,
	LIQUID, N.O.S. (ISOBORNYL ACRYLATE, ACRYLIC ACID,
	STABILIZED), 9, III

- Safety, health and environmental regulations/legislation specific for the substance or mixture No further relevant information available.

- Sara

- Section 355 (extremely hazardous substances):

None of the ingredients is listed.

(Contd. of page 6)

Reviewed on 01/23/2024

#### Trade name: Vibra-TITE® UV Adhesive

- Section 313 (Specific toxic chemical listings):
CAS: 79-10-7 acrylic acid
- TSCA (Toxic Substances Control Act):
All components have the value ACTIVE.
- Hazardous Air Pollutants
CAS: 79-10-7 acrylic acid
- Proposition 65
- Chemicals known to cause cancer:
None of the ingredients is listed.
- Chemicals known to cause reproductive toxicity for females:
None of the ingredients is listed.
- Chemicals known to cause reproductive toxicity for males:
None of the ingredients is listed.
- Chemicals known to cause developmental toxicity:
None of the ingredients is listed.
- Carcinogenic categories
- EPA (Environmental Protection Agency)
None of the ingredients is listed.
- TLV (Threshold Limit Value)
CAS: 79-10-7 acrylic acid A4
- NIOSH-Ca (National Institute for Occupational Safety and Health)

None of the ingredients is listed.

- 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 SDS: ND Industries, Inc. Safety, Health and Environmental Affaires
- Contact: Safety, Health and Environmental Affaires
- Classification System:

- HMIS-ratings (scale 0 - 4)



- NFPA ratings (scale 0 - 4)



# - Date of preparation / last revision 01/23/2024

#### Abbreviations and acronyms:

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road) IMDG: International Maritime Code for Dangerous Goods DOT: US Department of Transportation IATA: International Air Transport Association EINECS: European Inventory of Existing Commercial Chemical Substances ELINCS: European List of Notified Chemical Substances CAS: Chemical Abstracts Service (division of the American Chemical Society) VOC: Volatile Organic Compounds (USA, EU) LC50: Lethal concentration, 50 percent LD50: Lethal dose, 50 percent PBT: Persistent, Bioaccumulative and Toxic vPvB: very Persistent and very Bioaccumulative NIOSH: National Institute for Occupational Safety

OSHA: Occupational Safety & Health TLV: Threshold Limit Value

- PEL: Permissible Exposure Limit

REL: Recommended Exposure Limit Flammable Liquids 3: Flammable liquids – Category 3

Acute Toxicity - Oral 4: Acute toxicity – Category 4 Skin Corrosion 1A: Skin corrosion/irritation – Category 1A

Skin Irritation 2: Skin corrosion/irritation – Category 2 Eye Damage 1: Serious eye damage/eye irritation – Category 1

Eye Irritation 2A: Serious eye damage/eye irritation – Category 2A Eye Irritation 2B: Serious eye damage/eye irritation – Category 2B Sensitization - Skin 1: Skin sensitisation – Category 1

Sensitization - Skin 1B: Skin sensitisation - Category 1B

# Safety Data Sheet acc. to OSHA HCS

Printing date 01/23/2024

#### Trade name: Vibra-TITE® UV Adhesive

Toxic to Reproduction 2: Reproductive toxicity – Category 2

- \* Data compared to the previous version altered.

#### - Disclaimer

The information set forth is based on information that ND Industries, Incorporated believes to be accurate. No warranty, expressed or implied, is intended. The information is provided solely for your information and consideration and ND Industries Inc. assumes no legal responsibility for use or reliance thereon. In the event of a discrepancy between the information on the non-English document and its English counterpart, the English version shall supersede.

®ND and ND Industries, Inc. are registered trademarks of ND Industries Incorporated, ®Vibra-TITE is a registered trademark of ND Industries, Inc. (Contd. of page 7)

Reviewed on 01/23/2024