WiseBond™
PREMIUM COMMERCIAL GRADE

A Division of DeckWise.com
The Ipe Clip® Fastener Company, LLC

SAFETY DATA SHEET

Date Issued : 08/14/2019
SDS No : BARTABLE-B

WiseBond Bar & Table Top Epoxy 1:1 Ratio Kit, B-Side, Hardener

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Bar & Table Top Epoxy Hardener, B-Side
GENERAL USE: Amine Activator side of a 2 component epoxy product
PRODUCT CODE: 142501B, 142657B

MANUFACTURER

DeckWise
The Ipe Clip Fastener Company LLC
2111 58th Ave. East
Bradenton, Fl 34203

Ckcpeclaw Amlr_ar AFCKRCJ
AFCKRCJ 6..+033+1702
Ckcpeclaw Nfmlc 6/1+026+.351
Amlrp_ar Lm K Q52.3//7

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATIONS

Health:

Acute Toxicity (Oral), Category 4
Skin Corrosion, Category 1B
Skin Irritation, Category 1
Serious Eye Damage, Category 1
Reproductive Toxicity, Category 2

Environmental:

Acute Hazards to the Aquatic Environment, Category 1
Chronic Hazards to the Aquatic Environment, Category 1

GHS LABEL

Exclamation mark | Corrosion | Health hazard | Environment

SIGNAL WORD: DANGER

HAZARD STATEMENTS

H302: Harmful if swallowed.
H314: Causes severe skin burns and eye damage.
H373: May cause damage to organs (Central Nervous System).
H341: Suspected of causing genetic damage and reproductive toxicity.
H361: Suspected of damaging fertility or the unborn child.
H410: Very toxic to aquatic life with long lasting effects.

PRECAUTIONARY STATEMENT(S)

Prevention:

P202: Do not handle until all safety precautions have been read and understood.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P260: Do not breathe dust/fume/gas/mist/vapours/spray.
P271: Use only outdoors or in a well-ventilated area.
P270: Do not eat, drink or smoke when using this product.
P264: Wash thoroughly after handling.
P273: Avoid release to the environment.

Response:

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313: If eye irritation persists: Get medical advice/attention.
P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P301+P310: IF SWALLOWED: Immediately call a POISON CENTER/ Doctor/ or Physician.
P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P391: Collect spillage.

P363: Wash contaminated clothing before reuse.
P312: Call a POISON CENTER or Doctor if you feel unwell.

Storage:

P403+P233: Store in a well-ventilated place. Keep container tightly closed.

Disposal:

P501: Dispose of contents/container to a RCRA approved Treatment Storage Disposal Facility.

EMERGENCY OVERVIEW

PHYSICAL APPEARANCE: Transparent clear to yellow liquid, with an Ammonia like odor.

IMMEDIATE CONCERNS: Corrosive; causes burns to skin and eyes. May be fatal if swallowed. May cause respiratory tract irritation.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
Polyoxypropylenediamine	30 - 35	9046-10-0
Nonylphenol	50 - 60	84852-15-3
Proprietary Amine	~ 10	N/A
Non Hazardous additives	< 1	N/A

COMMENTS: The specific chemical identities are being withheld as a trade secret (29CFR1910.1200).

4. FIRST AID MEASURES

EYES: Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Cold water may be used. Get medical attention.

SKIN: Remove contaminated shoes and clothing. Flush affected area with large amounts of water. If skin is not damaged, clean affected areas thoroughly with mild soap and water. Seek medical attention if skin pain or irritation persists, or if skin or tissue is damaged.

INGESTION: Aspiration hazard. If swallowed, Do not induce vomiting. If vomiting occurs, keep head below hips to prevent aspiration into lungs. Rinse mouth with water. Never give anything by mouth to an unconscious person. Call a physician immediately.

INHALATION: Move exposed person to fresh air. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention immediately.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

EYES: Pain, redness or irritation of the eyes.

ACUTE EFFECTS: Burning pain and severe corrosive skin damage. Causes serious eye damage. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result.

CHRONIC EFFECTS: Repeated contact may cause skin sensitization.

NOTES TO PHYSICIAN: No specific treatment, treat symptomatically. Call medical doctor or a Poison Control center immediatly if large quantities have been ingested or inhaled.

5. FIRE FIGHTING MEASURES

GENERAL HAZARD: No unusal fire or explosion hazards noted.

EXTINGUISHING MEDIA: Water fog or fine spray. Dry Chemical fire extinguishers. Carbon dioxide fire extinguishers. Foam. Alcohol resistant foams (ATC type) are preferred. General purpose synthetic foams (including AFFF) or protein foams may function, but will be effective. Water fog, applied gently may be used as a blanket for the extinguishments. DO NOT use direct water stream. May spread fire.

HAZARDOUS COMBUSTION PRODUCTS: Carbon oxides (CO2, CO), and Nitrogen Oxides

OTHER CONSIDERATIONS: Do not allow run-off from fire fighting to enter drains or water courses.

FIRE FIGHTING PROCEDURES: Evacuate any non-essential personnel. Extinguish all ignition sources if safe to do so. Move container from fire area if this is possible without hazard. Use water to cool exposed containers and structures until fire is out. Avoid spreading burning material with water jet stream used for cooling purposes. However, burning liquids may be moved by flushing with water to protect personnel and minimize property damage. Fight fire from protected location or safe distance. Contain fire water run-off if possible to prevent environmental damage. Review the "Accidental Release Measures" and "Ecologcal Information" sections of this SDS.

FIRE FIGHTING EQUIPMENT: Full Bunker gear (helmet with face shield, bunker coats, gloves and rubber boots), including a positive pressure, NIOSH approved, self-contained breathing apparatus (SCBA).

HAZARDOUS DECOMPOSITION PRODUCTS: During fire, gases hazardous to health may be formed.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: For small liquid spills, transfer by mechanical means to a labeled, sealable container for product recovery or safe disposal. Soak up any residues with an appropriate absorbent material and dispose of safely. Remove any contaminated soil and dispose of safely.

LARGE SPILL: Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, and waterways. After donning Personal Protective Equiptment take up spillage with appropriate mechanical means and contain, also collect spillage with absorbent materials such as rags, sand, earth, or vermiculite and place in container for disposal according to all Federal, State, and local regulations

ENVIRONMENTAL PRECAUTIONS

WATER SPILL: Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). Water polluting material. May be harmful to the environment if released in large quantities.

GENERAL PROCEDURES: Always ensure proper ventilation from any spill. Respirators or SCBA are required if permissible exposure limits are exceeded due to inadequate general ventilation. Evacuate personnel to a safe area.

COMMENTS: Proper PPE for exposure to eyes, skin and inhalation is essential.

7. HANDLING AND STORAGE

GENERAL PROCEDURES: Avoid breathing vapors or contact with material. Only use in well ventilated areas. Wash thoroughly after handling. Use proper personal protective equipment (PPE). Use information in this data sheet as input to a risk assessment of local circumstances to help determine appropriate controls safe handling, storage and disposal.

HANDLING: Do not ingest or breathe vapors/fumes/dust. Avoid contact with eyes and skin. Always wear proper PPE when handling. Provide sufficient ventilation. Respirator may be required if insufficiently ventilated.

STORAGE: Store in a cool, dry, well-ventilated area. Keep container closed when not being used.

STORAGE TEMPERATURE: Store in original container below temperature 38*C and 100*F. Protect from sunlight and store in cool, dry, well-ventilated area.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS: Ensure adequate natural or mechanical ventilation to remove vapors from the worksite. Provide readily accessible eye wash stations and safety showers.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Chemical splash goggles and/or face shield. Always use proper eye protection around the work area.

SKIN: Wear impermeable gloves. Clothing should limit skin exposure. Gloves contaminated with product should be discarded. Promptly remove clothing that becomes soiled with product. Maintain eye wash and shower station near work area in case of exposure.

RESPIRATORY: Wear appropriate respirator when ventilation is inadequate.

PROTECTIVE CLOTHING: Clothing should be applicable for the job at hand to protect the skin from repeated exposure to the material.

WORK HYGIENIC PRACTICES: Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and immediately after handling the product.

COMMENTS: No specific Exposure Limits have been established for this compound.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Viscous Liquid.

ODOR: Ammonia like odor.

APPEARANCE: Viscous clear to yellow liquid.

pH: Alkaline

FLASH POINT AND METHOD: 128°C (262°F) Closed Cup

FLAMMABLE LIMITS: No data available.

AUTOIGNITION TEMPERATURE: Not Available.

VAPOR PRESSURE: ~ 5 mm Hg at 154°C

VAPOR DENSITY: ~ 1 (Air =1)

BOILING POINT: > 232°C (446°F)

MELTING POINT: Not Applicable.

SOLUBILITY IN WATER: Partially Soluble.

EVAPORATION RATE: Not Applicable.

DENSITY: 8 Lbs/Gallon

SPECIFIC GRAVITY: 0.96 (Water = 1)

VISCOSITY #1: 900 to 1000 cP at 25°C (77°F) Brookfield

10. STABILITY AND REACTIVITY

REACTIVITY: Yes

HAZARDOUS POLYMERIZATION: Under normal conditions of use, hazardous reactions will not occur.

STABILITY: Stable under recommended storage conditions.

CONDITIONS TO AVOID: Avoid contact with incompatible materials, direct sunlight and ignition sources / heat.

POSSIBILITY OF HAZARDOUS REACTIONS: Large Masses mixed with Epoxy resins can polymerize hazardously and be quite exothermic generating enough heat to self boil and cause injury.

INCOMPATIBLE MATERIALS: Avoid contact with strong acids, bases, reactive metals, and oxidizers.

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY

Chemical Name	ORAL LD_{50} (rat)	DERMAL LD_{50} (rabbit)	INHALATION LC_{50} (rat)
Polyoxypropylenediamine	> 2800 mg / kg (Rat)	> 2900 mg/kg (Rabbit)	> 0.74 mg/l (Rat)
Nonylphenol	~ 1300 mg / kg (Rat)	~ 1900 mg / kg (Rabbit)	> 900 mg/m3 (8h) (Rat)

DERMAL LD_{50}: Material will be burning, irritating, and drying to the skin, avoid contact as is possible and use impervious rubberized gloves as necessary for repeated exposure. Wear solvent resistant gloves such as: polyethylene, To prevent repeated or prolonged skin contact, wear impervious clothing and boots.

ORAL LD_{50}: Harmful if swallowed.

INHALATION LC_{50}: While no exposure limits have been set for this material the fumes can be quite irritating and care should be taken to avoid inhalation of fumes, mists, and vapors.

CARCINOGENICITY

NOTES: Not considered carcinogenic by OSHA, NTP, IARC, or ACGIH

STOT-SINGLE EXPOSURE: May cause repiratory irritation.

STOT-REPEATED EXPOSURE: May cause damage to organs through prolonged or repeated exposure.

COMMENTS: Corrosive; causes burns to skin and eyes. May be fatal if swallowed. May cause respiratory tract irritation.

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: Considered very toxic to aquatic organism, may cause long-term adverse effects in the aquatic environment. Not readily biodegradable. Shows high bioaccumulation potential. Water polluting material. May be harmful to the environment if released in large quantities.

ECOTOXICOLOGICAL INFORMATION: Do NOT discharge into sewers or waterways.

BIOACCUMULATION/ACCUMULATION: No data available.

AQUATIC TOXICITY (ACUTE): Acute toxicity to fish. Toxicity to aquatic plants.

Notes: Material is a Marine Pollutant. Components are considered hazardous to the enivroment, consult environmental data for toxicity values.

CHEMICAL FATE INFORMATION: No data available.

GENERAL COMMENTS: Acute Aquatic Toxicity data is from Nonylphenol CAS 84852-15-3

COMMENTS: Material contains a listed Marine Pollutant.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: DO NOT DUMP INTO ANY SEWERS, ON THE GROUND, OR INTO ANY BODY OF WATER. All disposal practices must be in compliance with Federal, State/Provincial and local laws and regulations. Regulations may vary in different locations.

FOR LARGE SPILLS: Construct dikes to prevent entrance of chemical into sewers or waterways. Refer to section 6 and contact relevant environmental authorities.

PRODUCT DISPOSAL: Disposal should be in accordance with applicable regional, national, and local laws and regulations.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: UN 2735, Amines, Liquid, Corrosive, n.o.s. (Polyoxypropylenediamine, Nonylphenol), Class 8, PG III, "Marine Pollutant"

PRIMARY HAZARD CLASS/DIVISION: 8

UN/NA NUMBER: 2735

PACKING GROUP: III

MARINE POLLUTANT #1: Nonylphenol

ROAD AND RAIL (ADR/RID)

PROPER SHIPPING NAME: Amines, Liquid, Corrosive n.o.s.

UN NUMBER: 2735

HAZARD CLASS: 8

PACKING GROUP: III

AIR (ICAO/IATA)

SHIPPING NAME: Amines, Liquid, Corrosive n.o.s.

UN/NA NUMBER: 2735

PRIMARY HAZARD CLASS/DIVISION: 8

PACKING GROUP: III

VESSEL (IMO/IMDG)

SHIPPING NAME: Amines, Liquid, Corrosive n.o.s.

UN/NA NUMBER: 2735

PRIMARY HAZARD CLASS/DIVISION: 8

PACKING GROUP: III

MARINE POLLUTANT #1: Nonylphenol

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

311/312 HEALTH HAZARDS: Immediate (acute) Health Hazard, Chronic (Delayed) Health Hazard.

TSCA (TOXIC SUBSTANCE CONTROL ACT)

TSCA REGULATORY: All items are TSCA listed.

TSCA STATUS: TSCA 8b

OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA)

29 CFR1910.119--PROCESS SAFETY MANAGEMENT OF HIGHLY HAZARDOUS CHEMICALS:
OSHA Hazardous Communication Standard: This product is a " Hazardous Chemical " as defined by the OSHA hazardous Communication Standard, 29 CFR 1910.1200.

CALIFORNIA PROPOSITION 65: ⚠ **WARNING:** This product can expose you to the chemical (Propylene Oxide CAS 75-56-9) which is known to the State of California to cause cancer. For more information, go to www.P65Warnings.ca.gov.

CANADA

DOMESTIC SUBSTANCE LIST (INVENTORY): Listed.

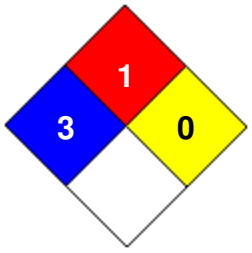
16. OTHER INFORMATION

PREPARED BY: RD **Date Prepared:** 08/14/2019

HMIS RATING

HEALTH	*	3
FLAMMABILITY		1
PHYSICAL HAZARD		0
PERSONAL PROTECTION		C

NFPA CODES



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