

# SAFETY DATA SHEET

Industrial / Professional Use Only



Date Prepared : 12/14/2023

Revision No : 0

## TOP-TIER ADHESIVE Part B RESIN

### 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** TOP-TIER ADHESIVE Part B RESIN

**RECOMMENDED USE:** Curing agent/resin for adhesives for industrial or professional use.

**PRODUCT DESCRIPTION:** Aromatic Polyurea for Control Joint Filling

**PRODUCT CODE:** TOP-TIER ADHESIVE Part B RESIN

**GENERIC NAME:** Polyol/Amine Curing Agent

#### MANUFACTURER

PACELINE, INC.

10737 Independence Pointe Parkway

Matthews, NC 28105

Emergency Contact: 9:00 AM - 5:00 PM Eastern Time

Emergency Phone: (800) 443-1827

E-Mail/Website: www.paceline.com

#### 24 HR. EMERGENCY TELEPHONE NUMBERS

INFOTRAC (US Transportation): (800) 535 - 5053

INFOTRAC (Outside USA): (352) 323 - 3500

**COMMENTS: EMERGENCY TELEPHONE NUMBER:** In the event of an emergency involving spills, leaks, fire, exposure, or accident involving this product, contact INFOTRAC. Within the USA, Canada, or US Virgin Islands call INFOTRAC at 1-800-535-5053, 24 hours a day. Outside these areas call (352) 323-3500. Collect calls are accepted.

### 2. HAZARDS IDENTIFICATION

#### GHS CLASSIFICATIONS

Acute Toxicity (Oral), Category 2

Acute Toxicity (Dermal), Category 2

Skin Corrosion, Category 1B

Skin Irritation, Category 1B

Eye Corrosion, Category 1

Eye Irritation, Category 2A

Aquatic Toxicity, Category 3

Target Organ Toxicity (Repeated exposure), Category 1

#### GHS LABEL

**According to Regulation 2012 OSHA Hazard Communications Standard: 29 CFR Part 1910.1200**



Exclamation



Health  
hazard

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**TOP-TIER ADHESIVE Part B RESIN****PRECAUTIONARY STATEMENT****Prevention:**

P264: Wash face, hands, and any exposed skin thoroughly after handling.

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.

**Response:**

P301+P312: IF SWALLOWED: Call a POISON CENTER/ doctor/...if you feel unwell.

P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P314: Get medical advice/attention if you feel unwell.

P337+P313: If eye irritation persists: Get medical advice/attention.

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.

P363: Wash contaminated clothing before reuse.

**Disposal:**

P501: Dispose of contents/container in accordance with local/regional/national/international regulation.

**EMERGENCY OVERVIEW**

**PHYSICAL APPEARANCE:** Pigmented Liquid

**IMMEDIATE CONCERNS:** USE WITH CAUTION! Corrosive to eyes, skin, and respiratory system. Severe irritant to eyes and skin. May cause sensitization to the respiratory system. May cause sensitization to the skin. Components of the product may have affect on the nervous system.

**POTENTIAL HEALTH EFFECTS**

**EYES:** This product and its vapors may cause eye irritation, burns, or even blindness.

**SKIN:** Causes skin burns, irritation and possible allergic reaction.

**INGESTION:** Severe burns of the mouth and throat are possible if ingested, as well as a danger of perforation of the digestive tract.

**INHALATION:** Vapors may be irritating to the upper respiratory tract (including the nasal area) and eyes. Can cause severe eye, skin, and respiratory tract burns. May cause nose, throat, and lung irritation. Prolonged or repeated exposure to high concentrations may be harmful and cause adverse effects including labored breathing.

**MEDICAL CONDITIONS AGGRAVATED:** Eye disease, Skin disorders and Allergies. Adverse skin effects (such as rash, irritation or burns). Adverse eye effects (such as conjunctivitis or corneal damage). Asthma. Adverse respiratory effects (such as cough, tightness of chest or shortness of breath).

**TARGET ORGAN STATEMENT:** Eyes, Respiratory System, and Skin.

**SENSITIZATION:** Possible sensitizer by skin contact.

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

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Chemical Name	Wt.%	CAS
Polyether Polyol	40 - 60	9082-00-2
Diethylmethylbenzenediamine	1 - 10	68479-98-1
Propoxylated Amine	10 - 30	102-60-3
4,4-Methylenebis (N-Sec-Butylaniline)	5 - 15	5285-60-9

**COMMENTS:** Criteria for listing components in this SDS are as follows: Carcinogens are listed at 0.1% or greater; hazardous components according to regulation 2012 OSHA Hazard Communication Standard: 29 CFR 1910.1200 are listed at 1.0% or greater; non-hazardous components are not listed. This is not intended to be the complete compositional disclosure. If a "Trade Secret" "(TS)" is claimed in accordance to paragraph (i) of 1910.1200, the specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

### 4. FIRST AID MEASURES

**EYES:** Immediately flush with plenty of water for two minutes. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Have eyes examined and tested by medical personnel.

**SKIN:** Remove contaminated clothing and immediately wash affected skin area with plenty of soap and water. Seek medical attention. Either discard or wash contaminated clothing and shoes before reuse.

**INGESTION:** Make sure victim is conscious and alert. If so, give 2-3 glasses of water to dilute. **DO NOT INDUCE VOMITING.** Never give anything by mouth to an unconscious person. Immediate medical attention is required. Do not leave victim unattended as spontaneous vomiting may occur. Lay victim on side with head lower than waist to prevent aspiration of swallowed product. If victim is conscious and vomiting occurs, give water to further dilute the chemical.

**INHALATION:** Remove victim to fresh air and provide oxygen if breathing is difficult. Seek medical attention if cough or other symptoms develop.

#### SIGNS AND SYMPTOMS OF OVEREXPOSURE

**INHALATION:** Repeated and/or prolonged exposure to low concentrations of vapors may cause a "Sore Throat".

**ACUTE TOXICITY:** Sensitization, irritation and dermatitis.

**CHRONIC EFFECTS:** This product contains no listed carcinogens according to IARC, ACGIH, NTP, and/or OSHA in concentrations of 0.1 percent or greater (unless identified under section 15 of this MSDS). Repeated or prolonged contact causes sensitization, asthma, and eczema. Prolonged contact may result in chemical burns and permanent damage.

**ADDITIONAL INFORMATION:** Seek medical advice and/or treatment. If breathing is irregular or stopped, administer artificial respiration and call 911.

### 5. FIRE FIGHTING MEASURES

**FLAMMABLE CLASS:** Not Applicable

**GENERAL HAZARD:** Evacuate personnel upwind of a fire to avoid inhalation of irritating and/or harmful fumes and smoke.

**EXTINGUISHING MEDIA:** Dry Chemical, Foam, or Carbon Dioxide. Water spray may be used to keep fire exposed containers cool, dilute spills to nonflammable mixtures, protect personnel attempting to stop spill or leak and to disperse vapors.

**FIRE FIGHTING PROCEDURES:** As in any fire, wear self-contained breathing apparatus pressure-demand, (AS/NZS 1715 and

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AS/NZS 1716 approved or equivalent) and full protective gear. Toxic vapors may evolve. Fight fires from a safe distance or protected areas. Use of large volumes of water may produce run-off that could be toxic to wildlife and/or pose a hazardous waste disposal issue. Water may not be effective for large fires.

**FIRE FIGHTING EQUIPMENT:** Firefighting personnel are required to use respiratory and eye protection. Full fire protective equipment (Bunker Gear) and self-contained breathing apparatus (SCBA) is recommended to be used for all indoor fires and any significant outdoor fires. SCBA may not be required for small outdoor fires that may easily be extinguished with a portable fire extinguisher.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Incomplete combustion may form carbon monoxide. May generate ammonia gas. May generate toxic nitrogen oxide gases. Burning produces noxious and toxic fumes. Downwind personnel must be evacuated.

### 6. ACCIDENTAL RELEASE MEASURES

**SMALL SPILL:** Dike area to contain spill. Take precautions as necessary to prevent contamination of ground and surface waters. Recover spilled material on absorbent, such as diatomaceous earth, sawdust, vermiculite, or any appropriate readily available material and sweep or shovel absorbed material into closed containers for disposal. After all visible traces, including ignitable vapors, have been removed thoroughly wash the contaminated area. Do not flush to sewer. If area of spill is porous, remove as much contaminated earth and gravel, etc. as necessary and place in closed containers for disposal.

Wear the appropriate personal protective equipment designated in Section 8, remove the leaking container to a containment area and place into an appropriate container to prevent any further spill.

**LARGE SPILL:** Construct temporary dikes of dirt or sand to contain spill. Take precautions as necessary to prevent contamination of ground and surface waters. Recover spilled material on absorbent, such as diatomaceous earth, sawdust, vermiculite, or any appropriate readily available material and sweep or shovel adsorbed material into closed containers for disposal. If area of spill is porous, remove as much contaminated earth and gravel, etc. as necessary and place in closed containers for disposal.

Wear the appropriate personal protective equipment designated in Section 8, close or cap leaking valves and/or block or plug hole in leaking container. Remove the leaking containers to a containment area and place into an appropriate container to prevent any further spill.

Contain material as described above and call the local fire, police, or appropriate emergency response provider for immediate emergency assistance.

### ENVIRONMENTAL PRECAUTIONS

**WATER SPILL:** Construct temporary dikes of dirt, sand, or any appropriate readily available material to prevent spreading of material into sources of water.

**GENERAL PROCEDURES:** Absorb spill with an emergency spill kit, diatomaceous earth, saw dust or equivalent inert material. Shovel up and dispose of at an appropriate waste disposal facility following applicable laws and regulations.

### 7. HANDLING AND STORAGE

**GENERAL PROCEDURES:** Store product in original containers. Store in a cool, dry, well-ventilated area.

**HANDLING:** Use with sufficient ventilation to keep employee exposure below recommended limits. Provide adequate ventilation for storage, handling and use, especially for enclosed or low spaces. Avoid contact of liquid with eyes and prolonged skin exposure. Avoid breathing in vapors, mists, and aerosols. Do not allow product to contact open flame or electrical heating elements because dangerous decomposition products may form.

**STORAGE:** Store and warehouse product in an appropriate area or facility. Segregate like materials together to avoid negative



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chemical reactions. Protect materials from excessive exposure to heat. Observe proper storage conditions and temperatures.

**STORAGE TEMPERATURE:** (50°F) Minimum to (90°F) Maximum

**8. EXPOSURE CONTROLS / PERSONAL PROTECT**

**ENGINEERING CONTROLS:** Proper industrial hygiene practices are required for workers and should be achieved through engineering controls including ventilation with a high turnover rate whenever feasible. When such controls are not available or not feasible to achieve full protection, respirators for workers (and others in the area) and other personal protective equipment is mandated. Exhaust air may need to be scrubbed (cleaned) or filtered to reduce environmental contamination and odors.

**PERSONAL PROTECTIVE EQUIPMENT**

**EYES AND FACE:** Wear safety goggles or safety glasses with side shields when handling and mixing this material.

**SKIN:** Wear impervious compatible chemical resistant protective clothing such as neoprene or butyl rubber gloves, aprons, boots or Tyvek coveralls, as appropriate to prevent contact with skin.

**RESPIRATORY:** For respirator selection and training, seek professional advice. Whenever workplace conditions require a use of a respirator, follow a respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements. Wear an OSHA/NIOSH approved respirator selected on its suitability to provide adequate worker protection for the chemicals used and given working conditions including the level of airborne contamination and presence of sufficient oxygen.

**WORK HYGIENIC PRACTICES:** Always follow "Good personal hygiene practices" when working with this material.

**COMMENTS:** Always practice "good personal hygiene" during and after use of this materials, especially before eating, drinking, smoking, using the toilet, or applying cosmetics. DO NOT eat, drink, or smoke in work areas that contain hazardous chemicals.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**PHYSICAL STATE:** Liquid

**ODOR:** Odorless

**APPEARANCE:** Viscous Liquid

**COLOR:** Amber

**pH:** No data available

**FLASHPOINT AND METHOD:** > 200°C (392°F) Closed Cup

**AUTOIGNITION TEMPERATURE:** Not Available

**VAPOR PRESSURE:** No data available

**VAPOR DENSITY:** No data available

**BOILING POINT:** > 300°C (572°F)

**FREEZING POINT:** No data available

**MELTING POINT:** No data available

**THERMAL DECOMPOSITION:** No data available

**SOLUBILITY IN WATER:** Insoluble

**PARTITION COEFFICIENT: N-OCTANOL/WATER:** No data available

**SPECIFIC GRAVITY:** 1.03 g/cm<sup>3</sup> at

25°C **VISCOSITY #1:** 1250 to 1750 cPs

at 25°C **(VOC):** < 0.001 g/l

**Notes:** VOC listed on the SDS is for this component only. Mixed VOC for the combined product may have a different value. Consult the manufacturer or product data sheet for final mixed product

**TOP-TIER ADHESIVE Part B RESIN****10. STABILITY AND REACTIVITY**

**REACTIVITY:** Yes

**HAZARDOUS POLYMERIZATION:** No

**STABILITY:** This material (product) is stable under normal ambient conditions of temperature and pressure. Follow recommendations for proper storage and use.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Nitric Acid, Ammonia, Nitrogen oxides, Nitrogen oxide can react with water vapors to form corrosive nitric acid, Carbon monoxide, Carbon dioxide, Aldehydes.

**INCOMPATIBLE MATERIALS:** Reactive metals (e.g. sodium, calcium, zinc, etc.), Materials reactive with hydroxyl compounds, Organic acids (e.g. acetic acid, citric acid, etc.), Mineral acids, Sodium hypochlorite, Oxidizing agents, Reaction with peroxides may result in violent decomposition of peroxide possibly creating an explosion, Product slowly corrodes copper, aluminum, zinc, and galvanized surfaces.

**11. TOXICOLOGICAL INFORMATION****CARCINOGENICITY**

**IARC:** Not Listed by IARC.

**NTP:** Not listed by NTP.

**OSHA:** Not listed by OSHA.

**COMMENTS:** The chemical, physical, and toxicological properties have not been thoroughly investigated or tested to the best of our knowledge.

**IARC:** Not Listed by IARC.

**NTP:** Not listed by NTP.

**OSHA:** Not listed by OSHA.

**MUTAGENICITY:** Product is a blend of material that has been shown to be Ames Negative (non-mutagenic)

**GENERAL COMMENTS:** This product does not contain substances considered by OSHA, NTP, IARC or ACGIH to be "probable" or "suspected" human carcinogens.

**COMMENTS:** The chemical, physical, and toxicological properties have not been thoroughly investigated or tested to the best of our knowledge.

**12. ECOLOGICAL INFORMATION**

**ENVIRONMENTAL DATA:** No environmental data has been established or is available for this product.

**GENERAL COMMENTS:** Avoid contaminating waterways.

**13. DISPOSAL CONSIDERATIONS**

**DISPOSAL METHOD:** See the manufacturer's instructions to mix together with the proper components of multi-component materials and allow to harden. Dispose solids at an appropriate waste disposal facility according to current applicable laws and regulations.

**COMMENTS:** Refer to Section 6. Accidental Release Measures for additional information.

**14. TRANSPORT INFORMATION**

**DOT (DEPARTMENT OF TRANSPORTATION)**

**PROPER SHIPPING NAME:** Not Regulated

**AIR (ICAO/IATA)**

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**SHIPPING NAME:** Not Regulated  
**VESSEL (IMO/IMDG)**  
**SHIPPING NAME:** Not Regulated  
**CANADA TRANSPORT OF DANGEROUS**  
**GOODS SHIPPING NAME:** Not Regulated

### 15. REGULATORY INFORMATION

#### UNITED STATES

**SARA TITLE III (SUPERFUND AMENDMENTDS AND REAUTHORIZATION ACT)**

**FIRE:** No **PRESSURE GENERATING:** No **REACTIVITY:** No **ACUTE:** Yes **CHRONIC:** No

**TSCA (TOXIC SUBSTANCE CONTROL ACT)**

**TSCA STATUS:** All ingredients in this mixture are listed with the TSCA Chemical Substance Inventory.

#### CANADA

**WHMIS HAZARD SYMBOL AND CLASSIFICATION**

Not a "Controlled Product" under WHMIS.

**DOMESTIC SUBSTANCE LIST (INVENTORY):** The components in this product are listed or exempt from the Canadian Domestic Substance List (DSL).

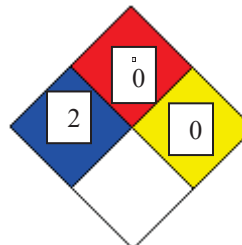
### 16. OTHER INFORMATION

**PREPARED BY:** PACELINE, INC. **Date :** 12/14/2023.

#### HMIS RATING

HEALTH	2
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	G

#### NFPA CODES



**MANUFACTURER DISCLAIMER:** This SDS to the best of our knowledge conforms to the requirements of 2012 OSHA Hazard Communication Standard 29 CFR 1910.1200, and summarizes the health and safety hazard information and general guidance on how to safely handle the material at the date of issue. Each user must review the SDS in the context of how the product will be handled and used in the workplace. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company. Responsibility for the product sold is subject to our standard terms and conditions, a copy of which is available upon request. This company warrants only that its products meet the specifications stated in the sales contract. Typical properties, where stated, are to be considered as representative of current production and should not be treated as specifications. While all the information presented in this document is believed to be reliable and to represent the best available data on these products, NO GUARANTY, WARRANTY, OR REPRESENTATION IS MADE, INTENDED, OR

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**PACELINE**  
ADVANCED MEDICAL SOLUTIONS

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