

1. Identification of Substance

Product Details

Product Name: TOTALBOAT THICKSET EPOXY - HARDENER - PART B

Product Code(s): 521590, 521591, 521592

Products Use: Art Crafts

Distributor:

TOTALBOAT LLC

17 Peckham Drive

Bristol, RI 02809

(800) 497-0010

Emergency Telephone Number: INFOTRAC: 800-535-5053

2. Hazards Identification

Classification of the substance or mixture

Classification according to OSHA Hazard Communication Standard (29 CFR 1910.1200)



GHS05 Corrosion

Eye Damage 1

H318 Causes serious eye damage



GHS07

Acute Toxicity - Oral 4 H302 Harmful if swallowed.

Acute Toxicity-Dermal 4H312 Harmful in contact with skin..

Information concerning particular hazards for human and environment.

The product has to be labeled due to the calculation procedure of OSHA Hazard Communication Standard(29 CFR 1910.1200).

Classification system:

The classification is according to the latest edition of OSHA Hazard Communication Standard (29 CFR1910.1200), and extended by company and literature data.

Label elements

Labeling according to OSHA Hazard Communication Standard (29 CFR 1910.1200)

Hazard pictograms



GHS05



GHS07

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Signal word Danger - Hazard-determining components of labeling:

Propylidynetrimethanol, propoxylated, reaction products with ammonia Benzyl alcohol
Ethyl 4-[[[(methylphenylamino)methylene]amino]benzoate

Hazard statements

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

Precautionary statements

P264 Wash thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P301+P312 If swallowed: Call a poison center doctor if you feel unwell.
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 do, Continue rinsing.
P310 Immediately call a poison center doctor
P321 Specific treatment (see on this label)
P330 Rinse mouth
P362+P364 Take off contaminated clothing and wash it before reuse.
P501 Dispose of contents/container in accordance with local / regional / national / international regulations.

Hazards not otherwise classified (HNOC) No further relevant information available.**3. Composition/Date on Components****Chemical characterization: Mixtures****Description:** Mixture of the substances listed below with nonhazardous additions.

For the wording of the listed hazard statements refer to Section 16.

Composition		
CAS: 39423-51-3	Propylidynetrimethanol, propoxylated, reaction products with ammonia	48-72%
	⚠ Eye Damage 1, H318; ⚠ Acute Toxicity - Oral 4, H302; Acute Toxicity - Dermal 4, H312	
CAS: 100-51-6	Benzyl alcohol	27-51%
	⚠ Acute Toxicity - Oral 4, H302; Acute Toxicity - Inhalation 4, H332	
CAS: 57834-33-0	Ethyl 4-[[[(methylphenylamino)methylene]amino]benzoate	1%
	⚠ Acute Toxicity - Oral 4, H302	

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4. First Aid Measures**Description of first aid measures****General description:** Immediately remove any clothing soiled by the product.

Symptoms of poisoning may even occur after several hours, therefore medical observation for at least 48 hours after the accident.

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After inhalation: Supply fresh air ,consult doctor in case of complaints.

After skin contact: Immediately rinse with water.

After eye contact: Rinse opened eye for several minutes under running water. Then consult a doctor.

After swallowing: Immediately call a 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

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

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

Special protective equipment and precautions for firefighters

Protective equipment: No special measures required.

6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures: Wear protective equipment. Keep unprotected persons away.

Environmental precautions:

Do not allow product to reach sewage system or any water course.

Inform respective authorities in case of seepage into water course or sewage system.

Dilute with plenty of water.

Do not allow to enter sewersl surface or ground water.

Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Use neutralizing agent.Use Dispose contaminated material as waste according to section 13.

7. Handling And Storage

Precautions for safe handling:

For the general occupational hygienic measures refer to Section 8.

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

Conditions for safe storage, including any incompatibilities

Requirements to be met by storerooms and receptacles: No special requirements.

Information about storage in one common storage facility:

Store away from foodstuffs. Store away from water.

Further information about storage conditions: Keep receptacle tightly sealed.

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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.

See Section 7 for information about design of technical facilities.

Individual protection measures, such as personal protective equipment**Breathing equipment: Not required****Hand protection:***Protective gloves*

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation the chemical mixture. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

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.

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/face protection:*Tightly sealed goggles*

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* General Information	
* Appearance:	
Form:	Liquid
Color:	Colorless
* Odor:	Odorless
* Odor threshold:	Not available
* pH-value:	Not available
* Change in condition	
Melting point/Freezing point:	Not available
Initial boiling point and boiling range:	Not available
* Flash point:	Not available
* Flammability (solid, gas):	Not available
* Auto-Ignition temperature:	Not available
* Decomposition temperature:	Not available
* Lower and upper explosion limit	
Lower:	Not available
Upper:	Not available
* Vapor pressure:	Not available
* Density:	Not available
* Relative density:	Not available
* Vapor density:	Not available
* Evaporation Rate:	Not available
* Solubility in / Miscibility with	
Water:	Not available
* Partition coefficient (n-octanol/water):	Not available
* Viscosity:	
Dynamic:	Not available
Kinematic:	Not available
* Other information:	No further relevant information available.

10. Stability And Reactivity**Reactivity:** No further relevant information available.**Chemical stability:** No further relevant information available.**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.

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11. Toxicological Information

• **Acute toxicity:** Harmful if swallowed or in contact with skin.

• **LD/LC50 values that are relevant for classification:**

CAS: 100-51-6 Benzyl alcohol

Oral	LD50	1,230 mg/kg (rat)
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Skin corrosion/irritation: Imitating effect possible

Serious eye damage/ irritation: Strong irritant with the danger of severe eye injury.

Respiratory or skin sensitization: Sensitization possible.

Additional toxicological information: The product shows the following dangers according to internally approved calculation methods for preparations. Irritant

Carcinogenic categories:

IARC (International Agency for Research on Cancer)

None of the ingredients is listed.

NTP(National Toxicology Program,

None of the ingredients is listed.

OSHA-Ca (Occupational Safety& Health Administration)

None of the ingredients is listed.

12. Ecological Information

Toxicity

Aquatic toxicity: No further relevant information available

Persistence and degradability: No further relevant information available.

Bio accumulative potential: No further relevant information available.

Mobility in soil: No further relevant information available.

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.

Uncleaned packagings

Recommendation: Disposal must be made according to official regulations

Recommended cleansing agent: Water, if necessary with cleansing agents

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14. Transport Information

• UN-Number • DOT, IMDG, IATA	UN 3082
• UN proper shipping name • DOT • IMDG • IATA	Environmentally hazardous substance, liquid, n.o.s. (Propylidynetrimehanol, propoxylated, reaction products with ammonia) ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Propylidynetrimehanol, propoxylated, reaction products with ammonia), MARINE POLLUTANT ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Propylidynetrimehanol, propoxylated, reaction products with ammonia)
• Transport hazard class(es) • DOT, IMDG, IATA 	9 Miscellaneous dangerous substances and articles 9
• Packing group • DOT, IMDG, IATA	III
• Environmental hazards: • Marine pollutant: • Special marking (IATA):	Yes Yes (DOT) Symbol (fish and tree) Symbol (fish and tree)
• Special precautions for user • EMS Number: • Stowage Category	Warning: Miscellaneous dangerous substances and articles F-A,S-F A
• Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable
• Transport/Additional information: • DOT • Quantity limitations • Remarks: • IMDG • Limited quantities (LQ) • Excepted quantities (EQ)	On passenger aircraft/rail: 450 L On cargo aircraft only: 450 L Special marking with the symbol (fish and tree). 5L Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml

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• **UN “Model Regulation”:**

UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE,
LIQUID, N.O.S. (4,4'-ISOPROPYLIDENEDIPHENOL,
OLIGOMERIC REACTION PRODUCTS WITH 1-CHLORO-
2,3-EPOXYPROPANE), 9, III

15. Regulations

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

• **Sara**

• **Section 355 (extremely hazardous substances):**

None of the ingredients is listed.

• **Section 313 (Specific toxic chemical listings):**

None of the ingredients is listed.

• **TSCA (Toxic Substances Control Act):**

All components have the value ACTIVE.

• **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.

• **New Jersey Right-to-Know List:**

None of the ingredients is listed.

• **New Jersey Special Hazardous Substance List:**

None of the ingredients is listed.

• **Pennsylvania Right-to-Know List:**

100-51-6 | Benzyl alcohol

• **Pennsylvania Special Hazardous Substance List:**

None of the ingredients is listed.

• **Carcinogenicity categories**

• **EPA (Environmental Protection Agency)**

None of the ingredients is listed.

• **TLV (Threshold Limit Value)**

None of the ingredients is listed.

• **NIOSH-Ca (National Institute for Occupational Safety and Health)**

None of the ingredients is listed.

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Product Name: TOTALBOAT THICKSET EPOXY - HARDENER - PART B**16. Other information****Relevant hazard statements***H302 Harmful if swallowed.**H312 Harmful in contact with skin.**H318 Causes serious eye damage.**H332 Harmful if inhaled.*

*The contents and format of this SDS are in accordance with 29 CFR 1910.1200.***DISCLAIMER OF LIABILITY**

The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.

Date of preparation / last revision 02/02/2024**Abbreviations and acronyms:***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)**LC50: Lethal concentration, 50 percent**LD50: Lethal dose, 50 percent**NIOSH: National Institute for Occupational Safety**OSHA: Occupational Safety & Health**Acute Toxicity - Oral 4: Acute toxicity - Category 4**Eye Damage 1: Serious eye damage/eye irritation - Category 1*