



SAFETY DATA SHEET

DISTRIBUTED BY:

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EMERGENCY TELEPHONE NUMBER:

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DATE: March 23, 2018

SECTION 1 – PRODUCT IDENTIFICATION

PRODUCT NAME: TotalBoat Seal - White

MODEL NUMBER: TB-SEALWHT

CHEMICAL FORMULA: Elastomeric marine sealing compound

SECTION 2 – HAZARDS IDENTIFICATION

CLASSIFICATION OF SUBSTANCE/MIXTURE: Highly flammable liquid and vapor. May cause genetic defects. May be fatal if swallowed and enters airways. Causes serious eye irritation. May cause an allergic skin reaction. Harmful to aquatic life with long lasting effects.

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

SYMBOLS:



SIGNAL WORD: DANGER!

HAZARD STATEMENT: Flammable liquid and vapor. May be harmful if swallowed in contact with eyes, skin or if inhaled.

PRECAUTIONARY STATEMENTS:

Keep away from heat/sparks/open flames/hot surfaces. Do not smoke when using. Use personal protective equipment as required. See Section 8.

If swallowed: Rinse mouth. Do NOT induce vomiting.

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

If on skin: Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

If inhaled: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

Toluene (108-88-3) 33%

SECTION 4 – FIRST AID MEASURES

If in eyes: Flush immediately with large amounts of water for at least 15 minutes. Get medical attention.

If on skin: Wash thoroughly with soap and water. Wash contaminated clothing before reuse. If irritation develops and persists, see a physician.

If inhaled: If you experience difficulty in breathing, leave area to obtain fresh air. If continued difficulty is experienced, get medical assistance immediately.

If ingested: DO NOT INDUCE VOMITING, get medical attention immediately.

SECTION 5 – FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Dry chemical, Carbon Dioxide (CO₂), Foam

UNSUITABLE EXTINGUISHING MEDIA : Do not use water jet as an extinguisher as this will spread the fire.

DECOMPOSITION PRODUCTS: Carbon Dioxide, Carbon Monoxide.



SAFETY DATA SHEET

UNUSUAL FIRE AND EXPLOSION HAZARDS: The product is combustible and heating may generate vapors which may form an explosive vapor/air mixtures. During fire, gases hazardous to health may be formed.

SPECIAL PRECAUTIONS FOR FIRE FIGHTERS: Water may be ineffective on flames, but should be used to keep fire-exposed containers cool. Water or foam sprayed into container of hot burning product could cause frothing and endanger fire fighters. Keep adjoining structures cool with water. Avoid spreading burning liquid with water used for cooling purposes. Do not flush down public sewers. Avoid inhalation of vapors. Firefighters should wear self-contained breathing apparatus. **SPECIAL FIRE FIGHTING PROCEDURES** Use standard firefighting procedures and consider the hazards of other involved materials.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

SPILL PROCEDURES: Avoid breathing vapors. Dike to prevent spillage into streams or sewage systems. Consult local, state and federal authorities.

WASTE DISPOSAL: Consult local, state and federal authorities.

SECTION 7 – HANDLING AND STORAGE

HANDLING: Under normal use according to label instructions, special protection should not be necessary. Avoid contact with eyes, skin and clothing. Do not breath vapors for prolonged periods of time. Do not ingest.

STORAGE: Store in a cool, well ventilated area. Avoid overheating (above 120 F) or freezing.

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Toluene (CAS 108-88-3) AGIH TWA 50 ppm; OSHA Z-2 TWA 200 ppm; OSHA Z-2 CEIL 300 ppm

Engineering controls

Ensure adequate ventilation, especially in confined areas.

Personal protective equipment

Eyes: Wear safety glasses with side shields (or goggles). Avoid contact with eyes.

Skin: Wear protective gloves.

Respiratory Use in a well-ventilated area. .

General hygiene considerations When using, do not eat, drink or smoke. Always observe good, personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminant. Keep out of reach of children!

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Physical state Solid paste.

Color White, opaque.

Odor Solvent odor.

pH Not applicable.

Melting point/freezing point Not determined.

Initial boiling point and boiling range Not determined.

Flash point 50 F (Pensky Martens)

Evaporation rate Not determined.

Upper/lower flammability or explosive limits

Flammability limit – lower (%) Not available.

Flammability limit – upper (%) Not available.

Relative density 0.8

Solubility (water) Not soluble.

Percent volatile Not determined

Volatile Organic Compounds (VOC) Not determined.

SECTION 10 – STABILITY AND REACTIVITY

STABLE: Yes

HAZARDOUS POLYMERIZATION: Will not occur.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon dioxide and Carbon monoxide.

CONDITIONS TO AVOID: Open flame, sparks, and other sources of ignition. Avoid strong acids and oxidizers.



SAFETY DATA SHEET

SECTION 11 – TOXICOLOGICAL INFORMATION

Toluene (108-88-3) LD50 (Oral, rat): <870 mg/kg; LC50 (Inhalation, rat): 6000 ppm 6h

Eye: Causes eye irritation.

Skin: Causes skin irritation.

Ingestion: Accidental ingestion of the material may be harmful; Based on Toluene animal experiments indicate that ingestion of less than 150 gram may be fatal or may produce serious damage to the health of the individual. The liquid may produce gastrointestinal discomfort and may be harmful if swallowed. Ingestion may result in nausea, pain and vomiting.

Inhalation: Excessive inhalation of vapors can cause nasal and respiratory irritation, central nervous system depression, dizziness, weakness, fatigue, nausea, and headache. atmosphere developing. Before starting consider control of exposure by mechanical ventilation.

Notice: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling contents may be harmful or fatal.

Carcinogenicity: This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

Mutagenicity: No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

Further information: Symptoms may be delayed.

SECTION 12 – ECOLOGICAL INFORMATION

ENVIRONMENTAL FATE AND DISTRIBUTION:

No data established for this product.

SECTION 13 – DISPOSAL CONSIDERATIONS

WASTE DISPOSAL: Residues and spilled material are hazardous waste due to ignitability. Disposal must be in accordance with applicable federal, state, or local regulations. The container for this product can present explosion or fire hazards, even when emptied. To avoid risk of injury, do not cut, puncture, or weld on or near this container. Since the emptied containers retain product residue, follow label warnings even after container is emptied.

SECTION 14 – TRANSPORT INFORMATION

PROPER SHIPPING NAME: Not regulated. (Limited quantity, one gallon or less)

This product cannot ship by air.

SECTION 15 – REGULATORY INFORMATION

Contents of this SDS comply with the OSHA Hazard Communication Standard 29 CFR 1910.1200.

US federal regulations: This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

Toxic Substances Control Act (TSCA) Inventory: Yes

California Proposition 65: Toluene is listed under California Proposition 65 as a chemical that is known to the State of California to cause birth defects or other reproductive harm. Chemicals known to cause developmental toxicity: 108-88-3 Toluene

SARA SECTION 311/312: Fire hazard.

SARA SECTION 313: This product contains toxic chemicals subject to the reporting requirements of SARA Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372.



SAFETY DATA SHEET

SECTION 16 – OTHER INFORMATION

NFPA rating: Health = 3, Flammability = 2, Physical hazard = 2, Other = 0.



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