Innovative Composite Solutions

Section I

Neptune Research 1346 South Killian Drive Lake Park, Florida 33403	Emergency Telephone Number – 800-535-5053 Telephone Number for Information – 800-328-0090 / 561-683-6992
Product Name – Trident-Seal Pressure Sealing Tape	Date Prepared – 10.21.10

Section II—Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity, Common Name(s) CAS#)	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Bis(t-butylperoxyisopropyl) benzene (25155-25-3)	N/A	N/A	N/A	2
Carbon Black(1333-86-4)	3.5 mg/m3	3.5 mg/m3(TWA)	N/A	30
Ethylene-propylene-50-ethylideneorbormene polymer (25038-36-2)	N/A	N/A	N/A	50
Mineral Oil (8012-95-1)	5 mg/m3 10 mg/m3 (STEL)	5 mg/m3 (TWA)	N/A	15
Zinc Oxide (1314-13-2)	5 mg/m3, respirable 15 mg/m3, total	5 mg/m3, fume (TWA) 10 mg/m3, fume (STEL)	N/A N/A	2

*This component is listed as a SARA section 313 Hazardous component

Section III—Physical/Chemical Characteristics

Vapor Pressure (mm Hg) – ND Specific Gravity (H20 = 1) – 1.08 Vapor Density (AIR = 1) – ND
Evaporation Rate (Butyl Acetate = 1) Ether =1 – N/A Boiling Point – N/A Melting Point – N/A
Solubility in Water: Insoluble
Appearance and Odor – Black elastic rubber roll, rubber-like odor

Section IV—Fire and Explosion Hazard Data

Flash Point - ND	Flammable Limits - N/A	LEL - N/A	UEL - N/A

Extinguishing Media: Carbon Dioxide, foam, dry chemical.

Special Fire Fighting Procedures: Full emergency equipment with self-contained breathing apparatus and full protective clothing should be worn by firefighters.
Unusual Fire & Explosion Hazards - None

Section V—Reactivity Data

Stability: Stable Hazardous Decomposition or Byproducts: Carbon Monoxide, Oxides of nitrogen and traces of HCN
Incompatibility (Materials to Avoid) Oxidizing materials
Hazardous Polymerization: Will not occur
Conditions to Avoid: Avoid heat, flames, sparks and other sources of ignition or high temperature.

Section VI—Health Hazard Data

Route(s) of Entry: Skin contact

Acute Skin Contact: May be irritating from direct skin contact.

Chronic Skin Contact: None anticipated

Acute Eye Contact: None expected under normal conditions of use. May be irritating if eye contact is made. Decomposition fumes may be irritating.

Acute Ingestion: Ingestion is unlikely. Intentional ingestion may cause disturbances to the GI system and may be harmful.

Inhalation: None expected under normal conditions of use. Fumes produced by burning may be irritating and toxic.

Carcinogenicity: Carbon black is classified as an IARC 2B carcinogen – suspect animal
NTP – No IARC Monographs – Yes OSHA Regulated – No

Medical Conditions Generally Aggravated by Exposure – Not Determined

Emergency and First Aid Procedures -

Ingestion: Do not induce vomiting, consult a physician immediately
Inhalation: Move to an area free from risk of further exposure. Administer oxygen or artificial respiration as needed. Obtain medical attention.
Skin contact: Remove contaminated clothing. Wash affected skin thoroughly with soap and water. Wash contaminated clothing thoroughly before reuse. For severe exposures, get under safety shower after removing clothing, then get medical attention. For lesser exposures, seek medical attention if irritation develops or persists after area is washed.
Eye contact: Gently brush, blot or wipe any chemical residue remaining on the face. Flush with copious amount of water. Preferably lukewarm, for at least 15 minutes, holding eyelids open at all times. Refer individual to a physician or ophthalmologist for immediate follow up.

Section VII—Precautions for Safe Handling and Use

Steps to Take if Material Is Released or Spilled – Collect and properly dispose of spilled material.
Waste Disposal Method – In accordance with federal, state and local regulations.
Precautions to Be Taken in Handling and Storing – Avoid storage at high temperatures. Melted material may cause thermal burns. Store in a cool, dark place away from direct sunlight and other sources of ultraviolet light.
Transportation Information – DOT (49 CFR 172) - Unrestricted, IATA - Unrestricted

Section VIII—Control Measures

Respiratory – N/A Monitoring – N/A Medical Surveillance – N/A
Skin protection – Not required under anticipated use conditions.
Eyes – Not required under anticipated use conditions.
Ventilation – Local exhaust sources regarding industrial ventilation (i.e. ACGIH Industrial Ventilation) should be consulted for guidance about adequate ventilation.

Section IX—Other Information

The information contained herein is based on the data available to us and is believed to be accurate. The data is offered in good faith as typical values and not product specification. The information in this data sheet was compiled from the information supplied by the vendors of the components of this compound. Neptune Research, Inc. makes no warranty either expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof. The recommended industrial hygiene and safe handling procedures are believed to be genuinely applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate. Neptune Research, Inc. assumes no responsibility for injury from the use of the product described herein. This information is intended only to assist in the safe handling of this material.