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 – Syntho SubSea LV Part A (Resin) Epoxy	Date Prepared – 12.6.10

Section II—Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity, Common Name(s) CAS#)	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Bisphenol A: Epoxy Resin (25068-38-6)	N/A	N/A	N/A	50-75

Section III—Physical/Chemical Characteristics

Vapor Pressure (mm Hg) – ND Specific Gravity (H20 = 1) – 1.2 Kgs/Ltr 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: Immiscible
Appearance and Odor – White paste with mild odor

Section IV—Fire and Explosion Hazard Data

Flash Point – >200°F	Flammable Limits - N/A	LEL - N/A	UEL - N/A

Extinguishing Media: Foam, carbon dioxide, powder, and water spray.
Special Fire Fighting Procedures: Firefighters should wear butyl rubber boots, gloves, and body suit and a self-contained breathing apparatus.

Section V—Reactivity Data

Stability: Stable
Hazardous Decomposition or Byproducts: Fumes produced when heated may include oxides of carbon.
Incompatibility (Materials to Avoid) None.
Hazardous Polymerization: Will not occur
Conditions to Avoid: Mixing large volumes with epoxy curing agents such as SUB01 Part B. Volumes of one gallon are safe however expect a significant exotherm within 15 - 20 minutes at 70°F.

Section VI—Health Hazard Data

Route(s) of Entry: Skin and Eye contact
Acute Skin Contact: Exposure may cause skin irritation and sensitization.
Chronic Skin Contact: None anticipated
Acute Eye Contact: May cause eye irritation.
Acute Ingestion: May cause gastrointestinal irritation if swallowed.
Inhalation: Inhalation of mists may cause irritation in the respiratory tract.
Carcinogenicity: Not listed
NTP – No IARC Monographs – No OSHA Regulated – No
Medical Conditions Generally Aggravated by Exposure – Not Determined
Emergency and First Aid Procedures -

Ingestion: In the event of ingestion, administer 3-4 glasses of water. Do not induce vomiting. Seek medical advice.
Inhalation: Move patient to fresh air. If breathing has stopped or is labored give assisted respiration (e.g. mouth to-mouth). Supplemental oxygen may be indicated. Seek medical advice. Prevent aspiration of vomit. Turn victim's head to the side.
Skin contact: Remove contaminated clothing and shoes. Remove product and immediately flush affected area with water for at least 15 minutes. If irritation persists, get medical attention.
Eye contact: Flush with copious amount of water. Preferably lukewarm, for at least 15 minutes, holding eyelids open at all times.

Section VII—Precautions for Safe Handling and Use

Steps to Take if Material Is Released or Spilled – Avoid contact with skin and eyes. Scrape or wipe up spilled material. Collect in suitable and properly labeled containers.
Waste Disposal Method – In accordance with federal, state and local regulations.
Precautions to Be Taken in Handling and Storing – Avoid contact with eyes, skin or clothing. Avoid breathing vapor mist or spray. Use with good ventilation. Wash after handling and before eating, drinking or smoking. Keep in cool, dry, ventilated storage and in closed containers.
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 – Appropriate impervious gloves. Because a variety of protective gloves exist, consult glove manufacturer to determine the proper type for a specific operation.
Eyes – Safety glasses or goggles.
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.