



Material Safety Data Sheet

Product: Rubber Pressure Tape

MSDS Date: 3/16/2010
Product Name: Trident Seal Rubber Tape
Manufacturer: Neptune Research, Inc.

I. Product and Company Description

Neptune Research, Inc.
1346 S Killian Drive
Lake Park, FL 33403

Emergency Phone Number:
800-535-5053

For Product Information:
(561) 683-6992

Product Description:
Elastomeric rubber tape

Product Use:
Intended to repair pipes

Chemical Name or Synonym:
NA

Molecular Formula:
NA

II. Chemical Composition

Component	CAS#	%Composition
Bis(t-butylperoxyisopropyl) benzene	25155-25-3	2
Carbon Black	1333-86-4	30
Ethylene-propylene-50-ethylideneorbormene polymer	25038-36-2	50
Mineral Oil	8012-95-1	15
Zinc Oxide	1314-13-2	2

III. Hazards Identification

A. Emergency Overview:

Physical Appearance and Odor:

Material Safety Data Sheet

Product: Rubber Pressure Tape

Black elastic rubber roll with rubber-like odor

B. Potential Health Effects:

Acute Eye:

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

Acute Skin:

May be irritating from direct skin contact.

Acute Inhalation:

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

Acute ingestion:

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

Chronic effects:

Carbon black is classified as an IARC 2B carcinogen – suspect animal.

Medical Conditions Aggravated by Exposure:

None

IV. First Aid Measures

First Aid Measures for Accidental:

Eye Exposure:

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.

Skin Exposure:

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.

Inhalation:

Move to an area free from risk of further exposure. Administer oxygen or artificial respiration as needed. Obtain medical attention.

Ingestion:

Do not induce vomiting, consult a physician immediately



Material Safety Data Sheet

Product: Rubber Pressure Tape

V. Fire Fighting Measures

Fire Hazard Data:

Flash Point: ND

Method Used: ND

Flammability Limits (vol/vol%): Lower: N/A Upper: 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 and Explosion Hazards:
None

Hazardous Decomposition Materials (Under Fire Conditions):
Combustion produces carbon monoxide, oxides of nitrogen, and traces of HCN

VI. Accidental Release Measures

Cleanup and Disposal of Spill:
Normal housekeeping practices. Pick up and contain any spilled material.

Dispose of materials according to the applicable Federal, State, or local regulations.

VII. Handling and Storage

Handling:
No special procedures are necessary when handling this product. Melted material may cause thermal burns.

Storage:
Store in a cool, dark place away from direct sunlight and other sources of ultraviolet light.

VIII. Exposure Controls / Personal Protection

Exposure Guidelines:

Component	Exposure limits		
	ACGIH	NIOSH	OSHA-PELs

Material Safety Data Sheet

Product: Rubber Pressure Tape

Bis(t-butylperoxyisopropyl) benzene	ND	ND	ND
Carbon Black	3.5 mg/m ³	ND	3.5 mg/m ³
Ethylene-propylene-50-ethylideneorbormene polymer	ND	ND	ND
Mineral Oil	5 mg/m ³ , TWA 10 mg/m ³ , STEL	ND	5 mg/m ³
Zinc Oxide	5 mg/m ³ , fume TWA 10 mg/m ³ , fume STEL	ND	5 mg/m ³ , respirable 15 mg/m ³ , total

Engineering Controls:

Ventilation must be adequate to maintain the ambient workplace atmosphere below the exposure limit(s) outlined in the MSDS.

Respiratory Protection:

Not required under anticipated use conditions.

Eye / Face Protection:

Not required under anticipated use conditions.

Skin Protection:

Not required under anticipated use conditions.

IX. Physical and Chemical Properties

Physical Appearance: Black elastic rubber roll

Odor: Rubber-like odor

pH: ND

Specific Gravity: 1.08

Water Solubility: Insoluble

Melting Point Range: NA

Vapor Pressure: ND

Percent Volatiles by Volume: Negligible

X. Stability and Reactivity

Chemical Stability:

Stable under standard use and storage conditions.

Conditions to Avoid:



Material Safety Data Sheet

Product: Rubber Pressure Tape

Avoid heat, flames, sparks and other sources of ignition or high temperature.

Materials / Chemicals to be Avoided:

Oxidizing materials

Hazardous Decomposition Products:

Carbon Monoxide, Oxides of nitrogen, and traces of HCN

Hazardous Polymerization:

Will not occur.

XI. Toxicological Information

Carcinogenicity:

Carbon black is classified as an IARC 2B carcinogen – suspect animal.

XII. Ecological Information

Ecotoxicological Information:

Degradation:	Not Determined
Accumulation:	Not Determined
Fish-Toxicity:	Not Determined

Chemical Fate Information:

Not Determined

XIII. Disposal Considerations

Waste Disposal Method:

Discard any product, residue, disposable container or liner in full compliance with federal, state, and local regulations.

Container Handling and Disposal:

Dispose of container and unused contents in accordance with federal, state, and local regulations.

XIV. Transportation Information
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US Department of Transportation Shipping Name:

US Department of Transportation	Proper Shipping Name	Not Regulated
	Hazard Class	Not Regulated
	ID Number	Not Regulated
	Packaging Group	Not Regulated
	Label Statement	Not Regulated



Material Safety Data Sheet

Product: Rubber Pressure Tape

XV. Regulatory Information

Federal Regulations:

SARA Title III Hazard Classes:

Fire Hazard: NO
 Reactive Hazard: NO
 Release of Pressure: NO
 Acute Health Hazard: NO
 Chronic Health Hazard: NO

Section 313 Supplier Notification:

This product contains the following toxic chemicals that are subject the the reporting requirements of section 313 of the Emergency Planning and Community Right To Know Act (EPCRA) of 1986 and of 40 CFR 372: Zinc Oxide. This chemical is also form R/TRI Reportable Chemical.

Other Federal Regulations:

State Regulations:

The components identified with an X are present on the respective state's Right To Know lists:

Component	MA	PA	MI	NJ	NY	FL
Bis(t-butylperoxyisopropyl) benzene						
Carbon Black	X	X		X		
Ethylene-propylene-50-ethylideneorbormene polymer						
Mineral Oil	X	X		X		
Zinc Oxide		X		X	X	

California Prop. 65: None of the chemicals in this product are listed.

XVI. Other Information

National Fire Protection Association Hazard Ratings – NFPA(R):

Health Hazard: 0
 Flammability: 0
 Reactivity: 0

Key Legend Information:

N/A – Not Applicable



Material Safety Data Sheet

Product: Rubber Pressure Tape

ND – Not Determined

ACGIH – American Conference of Governmental Industrial Hygienists

OSHA – Occupational Safety and Health Administration

TLV – Threshold Limit Value

PEL – Permissible Exposure Limit

TWA – Time Weighted Average

STEL – Short Term Exposure Limit

NTP – National Toxicology Program

IARC – International Agency for Research on Cancer

The information contained herein is based on the data available to us and is believed to be correct. However Neptune Research, Inc. makes no warranty, expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof.