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COMPANY IDENTITY: PRIMELINE INDUSTRIES  
PRODUCT IDENTITY: PRIMELINE NATURAL RUBBER LATEX TUBING

SDS DATE: 05/04/2015  
ORIGINAL: 05/04/2015

### SAFETY DATA SHEET

This Safety Data Sheet conforms to ANSI Z400.5, and to the format requirements of the Global Harmonizing System.  
THIS SDS COMPLIES WITH 29 CFR 1910.1200 (HAZARD COMMUNICATION STANDARD)  
IMPORTANT: Read this SDS before handling & disposing of this product.  
Pass this information on to employees, customers, & users of this product.

#### SECTION 1. IDENTIFICATION OF THE SUBSTANCE OR MIXTURE AND OF THE SUPPLIER

PRODUCT IDENTITY: PRIMELINE NATURAL RUBBER LATEX TUBING  
SYNONYMS: None  
PRODUCT USES: Rubber Tubing

COMPANY IDENTITY: PRIMELINE INDUSTRIES  
COMPANY ADDRESS: 4083 EMBASSY PARKWAY  
COMPANY CITY: AKRON, OH 44333  
COMPANY PHONE: 1-330-668-6555  
EMERGENCY PHONES: CHEMTREC: 1-800-424-9300 (USA)  
CANUTEC: 1-613-996-6666 (CANADA)

#### SECTION 2. HAZARDS IDENTIFICATION

**DANGER!!**



2.1 HAZARD STATEMENTS: (CAT = Hazard Category)  
(H300s) HEALTH: Sensitization(CAT:1)  
H317 MAY CAUSE AN ALLERGIC SKIN REACTION.  
(H300s) HEALTH: Sensitization, Respiratory(CAT:1)  
H334 MAY CAUSE ALLERGY OR ASTHMA SYMPTOMS,  
OR BREATHING DIFFICULTIES IF INHALED

#### 2.2 PRECAUTIONARY STATEMENTS:

EXPOSURE PREVENTION: AVOID ALL CONTACT!

PREVENT DISPERSION OF MISTS OR DUST!

P100s = General, P200s = Prevention, P300s = Response, P400s = Storage, P500s = Disposal

P264 Wash with soap & water thoroughly after handling.

P301+330+331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P304+341 IF INHALED: If breathing is difficult, remove victim to fresh air & keep at rest in a position comfortable for breathing.

P363 Wash contaminated clothing before reuse.

P500 Dispose of contents/container following local/regional/federal regulations.

SEE SECTIONS 8, 11 & 12 FOR TOXICOLOGICAL INFORMATION.

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## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

MATERIAL	CAS#	EINECS#	WT %
Rubber	*9006-04-6	-	95-97
Zinc Oxide	1314-13-2	-	0- 2
Sulfur	7704-34-9	-	0- 2
Potassium Hydroxide	1310-58-3	215-181-3	0- 1
Carbon Black	1333-86-4	-	0- 1
Zinc Dibutyldithiocarbamate	136-23-2	-	0- 1
Surfactant	Mixture	-	0- 1
1,2,4-Trimethylbenzene	95-63-6	202-436-9	0- 1
Butylated reaction product of p-cresol and dicyclopentadiene	136-23-2	-	0- 1

This product may contain the following trace products:

Formaldehyde	50-00-0	< 1 ppm
Naphthalene	91-20-3	< 1 ppm
Quinoline	91-22-5	< 1 ppm
Lead	12069-00-0 (as Lead Metal)	< 1 ppm
Protein Content:	Mixture	< 50 ppm

The specific chemical component identities and/or the exact component percentages of this material may be withheld as trade secrets. This information is made available to health professionals, employees, and designated representatives in accordance with the applicable provisions of 29 CFR 1910.1200 (I)(1).

TRACE COMPONENTS: Trace ingredients (if any) are present in < 1% concentration, (< 0.1% for potential carcinogens, reproductive toxins, respiratory tract mutagens, and sensitizers). None of the trace ingredients contribute significant additional hazards at the concentrations that may be present in this product. All pertinent hazard information has been provided in this document, per the requirements of the Federal Occupational Safety and Health Administration Standard (29 CFR 1910.1200), U.S. State equivalents, and Canadian Hazardous Materials Identification System Standard (CPR 4).

## SECTION 4. FIRST AID MEASURES

## 4.1 MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE &amp; CHRONIC:

See Section 11 for Symptoms/Effects (acute & chronic).

## 4.2 EYE CONTACT:

For eyes, flush with plenty of water for 15 minutes & get medical attention.

## 4.3 SKIN CONTACT:

In case of contact with skin immediately remove contaminated clothing.  
Wash thoroughly with soap & water. Wash contaminated clothing before reuse.

## 4.4 INHALATION:

After high vapor exposure, remove to fresh air. If breathing is difficult, give oxygen. If breathing has stopped, trained personnel should immediately begin artificial respiration. If the heart has stopped, trained personnel should immediately begin cardiopulmonary resuscitation (CPR).

## 4.5 SWALLOWING:

Rinse mouth. Give plenty of water to drink. Do NOT induce vomiting.  
GET MEDICAL ATTENTION IMMEDIATELY. Do NOT give liquids  
to an unconscious or convulsing person.

## SECTION 5. FIRE FIGHTING MEASURES

## 5.1 FIRE &amp; EXPLOSION PREVENTIVE MEASURES:

NO open flames. Above flash point, use a closed system, ventilation, explosion-proof electrical equipment, lighting.

## 5.2 SUITABLE (&amp; UNSUITABLE) EXTINGUISHING MEDIA:

Use AFFF, alcohol-resistant foam, water spray, carbon dioxide.

## 5.3 SPECIAL PROTECTIVE EQUIPMENT &amp; PRECAUTIONS FOR FIRE FIGHTERS:

Water spray may be ineffective on fire but can protect fire-fighters & cool closed containers. Use fog nozzles if water is used.  
Do not enter confined fire-space without full bunker gear.  
(Helmet with face shield, bunker coats, gloves & rubber boots).



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SECTION 5. FIRE FIGHTING MEASURES (CONTINUED)

5.4 SPECIFIC HAZARDS OF CHEMICAL & HAZARDOUS COMBUSTION PRODUCTS:

SLIGHTLY COMBUSTIBLE!  
Isolate from oxidizers, heat, & open flame.  
Closed containers may explode if exposed to extreme heat.  
Applying to hot surfaces requires special precautions.  
Continue all label precautions!

SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT & EMERGENCY PROCEDURES:

Keep unprotected personnel away.  
Use complete chemical protective suit with self-contained breathing apparatus.

6.2 ENVIRONMENTAL PRECAUTIONS:

Do NOT let this chemical enter the environment.  
Keep from entering storm sewers and ditches which lead to waterways.

6.3 METHODS & MATERIAL FOR CONTAINMENT & CLEAN-UP:

Stop spill at source. Dike and contain.  
Sweep spilled material into dry, sealable containers.  
Absorb remaining liquid in sand or inert absorbent.  
remove to safe place.

SECTION 7. HANDLING AND STORAGE

7.1 PRECAUTIONS FOR SAFE HANDLING:

Isolate from oxidizers, heat, & open flame. Use only with adequate ventilation.  
Avoid breathing of vapor or spray mist. Avoid prolonged or repeated contact with skin & eyes. Consult Safety Equipment Supplier. Wash clothing before reuse.  
Do not flame cut, braze, or weld. Continue all label precautions!

7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES:

Keep in fireproof surroundings. Keep separated from strong acids, metals, food & feedstuffs. Store in a cool, dry place. Keep container tightly closed & upright when not in use to prevent leakage.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 EXPOSURE LIMITS:

MATERIAL	CAS#	EINECS#	TWA (OSHA)	TLV (ACGIH)
Rubber	*9006-04-6	-	None Known	None Known
Zinc Oxide	1314-13-2	-	None Known	None Known
Sulfur	7704-34-9	-	None Known	None Known
Potassium Hydroxide	1310-58-3	215-181-3	None Known	None Known
Carbon Black	1333-86-4	-	None Known	None Known
Zinc Dibutyldithiocarbamate	136-23-2	-	None Known	None Known
Surfactant	Mixture	-	None Known	None Known
1,2,4-Trimethylbenzene	95-63-6	202-436-9	25 ppm	25 ppm
Butylated reaction product of p-cresol and dicyclopentadiene	136-23-2	-	None Known	None Known

MATERIAL	CAS#	EINECS#	CEILING	STEL(OSHA/ACGIH)	HAP
Potassium Hydroxide	1310-58-3	215-181-3	2 ppm	None Known	No

This product contains no EPA Hazardous Air Pollutants (HAP) in amounts > 0.1%.  
EPA Hazardous Air Pollutants may be present in trace amounts (less than 0.1%):  
Polycyclic Aromatics

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8.2 APPROPRIATE ENGINEERING CONTROLS:  
RESPIRATORY EXPOSURE CONTROLS

A respiratory protection program that meets OSHA 29 CFR 1910.134 and ANSI Z86.2 requirements or European Standard EN 149 must be followed whenever workplace conditions warrant a respirator's use.

VENTILATION

LOCAL EXHAUST: Necessary                      MECHANICAL (GENERAL): Acceptable  
SPECIAL: None                                      OTHER: None  
Please refer to ACGIH document, "Industrial Ventilation, A Manual of Recommended Practices", most recent edition, for details.

8.3 INDIVIDUAL PROTECTION MEASURES, SUCH AS PERSONAL PROTECTIVE EQUIPMENT:

PERSONAL PROTECTIONS:  
None required.

WORK & HYGIENIC PRACTICES:

Provide readily accessible eye wash stations & safety showers.  
Wash at end of each workshift & before eating, smoking or using the toilet.  
Promptly remove clothing that becomes contaminated. Destroy contaminated leather articles. Launder or discard contaminated clothing.

SECTION 9. PHYSICAL & CHEMICAL PROPERTIES

APPEARANCE:	Rubber Tubing
ODOR:	Slight
ODOR THRESHOLD:	Not Available
pH (Neutrality):	Not Available
MELTING POINT/FREEZING POINT:	Not Available
BOILING RANGE (IBP,50%,Dry Point):	Not Available
FLASH POINT (TEST METHOD):	> 93 C / > 201 F (PM)
EVAPORATION RATE (n-Butyl Acetate=1):	Not Applicable
FLAMMABILITY CLASSIFICATION:	Class III-B
LOWER FLAMMABLE LIMIT IN AIR (% by vol):	Not Available
UPPER FLAMMABLE LIMIT IN AIR (% by vol):	Not Available
VAPOR PRESSURE (mm of Hg)@20 C	1.0
VAPOR DENSITY (air=1):	4.9
GRAVITY @ 68/68F / 20/20C:	
DENSITY:	0.969
SPECIFIC GRAVITY (Water=1):	0.970
POUNDS/GALLON:	8.080
WATER SOLUBILITY:	Negligible
PARTITION COEFFICIENT (n-Octane/Water):	Not Available
AUTO IGNITION TEMPERATURE:	Not Available
DECOMPOSITION TEMPERATURE:	Not Available
VISCOSITY @ 20 C (ASTM D445):	Not Available

\* Using CARB (California Air Resources Board Rules).

SECTION 10. STABILITY & REACTIVITY

10.1 REACTIVITY & CHEMICAL STABILITY:

Stable under normal conditions, no hazardous reactions when kept from incompatibles.

10.2 POSSIBILITY OF HAZARDOUS REACTIONS & CONDITIONS TO AVOID:

Isolate from oxidizers, heat, & open flame.

10.3 INCOMPATIBLE MATERIALS:

Isolate from strong oxidizers.

10.4 HAZARDOUS DECOMPOSITION PRODUCTS:

Carbon Oxides, Sulfur Oxides, Zinc Oxide, Sodium Oxide, Nitrogen Oxides, Hydrogen Sulfide from burning.

10.5 HAZARDOUS POLYMERIZATION:

Will not occur.



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## SECTION 11. TOXICOLOGICAL INFORMATION

### 11.1 ACUTE HAZARDS

#### 11.1.1 SKIN CONTACT:

Primary irritation to skin, defatting, dermatitis. This product contains Natural Rubber latex which may cause allergic reactions.

#### 11.1.2 EYE CONTACT:

Primary irritation to eyes, redness, tearing, blurred vision.  
Solid can cause eye irritation.

#### 11.1.3 INHALATION:

Vapor harmful.  
The applicable occupational exposure limit value should not be exceeded during any part of the working exposure.

#### 11.1.4 SWALLOWING:

Swallowing can cause abdominal irritation, nausea, vomiting & diarrhea.  
The symptoms of chemical pneumonitis may not show up for a few days.

### 11.2 SUBCHRONIC HAZARDS/CONDITIONS AGGRAVATED

#### MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:

Pre-existing disorders of any target organs mentioned in this Document can be aggravated by over-exposure by routes of entry to components of this product.  
Persons with these disorders should avoid use of this product.

### 11.3 CHRONIC HAZARDS

#### 11.3.1 CANCER, REPRODUCTIVE & OTHER CHRONIC HAZARDS:

This product contains Natural Rubber latex which may cause allergic reactions.  
If symptoms such as itching, rash, runny nose, watery eyes, or difficulty in breathing develop, seek medical attention immediately.

11.3.2 TARGET ORGANS: May cause damage to target organs, based on animal data.

11.3.3 IRRITANCY: Irritating to contaminated tissue.

11.3.4 SENSITIZATION: Rubber latex may cause allergic reactions in sensitized persons.

11.3.5 MUTAGENICITY: No known reports of mutagenic effects in humans.

11.3.6 EMBRYOTOXICITY: No known reports of embryotoxic effects in humans.

11.3.7 TERATOGENICITY: No known reports of teratogenic effects in humans.

11.3.8 REPRODUCTIVE TOXICITY: No known reports of reproductive effects in humans.

A MUTAGEN is a chemical which causes permanent changes to genetic material (DNA) such that the changes will propagate across generational lines. An EMBRYOTOXIN is a chemical which causes damage to a developing embryo (such as: within the first 8 weeks of pregnancy in humans), but the damage does not propagate across generational lines. A TERATOGEN is a chemical which causes damage to a developing fetus, but the damage does not propagate across generational lines. A REPRODUCTIVE TOXIN is any substance which interferes in any way with the reproductive process.

### 11.4 MAMMALIAN TOXICITY INFORMATION

No mammalian information is available on this product.

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**SECTION 12. ECOLOGICAL INFORMATION**

**12.1 ALL WORK PRACTICES MUST BE AIMED AT ELIMINATING ENVIRONMENTAL CONTAMINATION.**

**12.2 EFFECT OF MATERIAL ON PLANTS AND ANIMALS:**

This product may be harmful or fatal to plant and animal life if released into the environment. Refer to Section 11 (Toxicological Information) for further data on the effects of this product's components on test animals.

**12.3 EFFECT OF MATERIAL ON AQUATIC LIFE:**

The most sensitive known aquatic group to any component of this product is: Fish are adversely affected by components of this product. The substance may be hazardous in the environment. Special attention should be given to water organisms. Environmental effects of the substance have not been investigated adequately.

**12.4 MOBILITY IN SOIL**

Mobility of this material has not been determined.

**12.5 DEGRADABILITY**

This product is partially biodegradable.

**12.6 ACCUMULATION**

Bioaccumulation of this product has not been determined.

**SECTION 13. DISPOSAL CONSIDERATIONS**

Processing, use or contamination may change the waste disposal requirements. Do not dispose of on land, in surface waters, or in storm drains. Waste should be recycled or disposed of in accordance with regulations. Large amounts should be collected for reuse or consigned to licensed hazardous waste haulers for disposal. ALL DISPOSAL MUST BE IN ACCORDANCE WITH ALL FEDERAL, STATE, PROVINCIAL, AND LOCAL REGULATIONS. IF IN DOUBT, CONTACT PROPER AGENCIES.

**SECTION 14. TRANSPORT INFORMATION**

MARINE POLLUTANT: No  
DOT/TDG SHIP NAME: Not Regulated  
DRUM LABEL: None  
IATA / ICAO: Not Regulated  
IMO / IMDG: Not Regulated  
EMERGENCY RESPONSE GUIDEBOOK NUMBER: None

**SECTION 15. REGULATORY INFORMATION**

**15.1 EPA REGULATION:**

SARA SECTION 311/312 HAZARDS: None Known

All components of this product are on the TSCA list.

SARA Title III Section 313 Supplier Notification

This product contains Zinc Compounds, a listed chemical subject to the reporting Requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 and of the 40 CFR 372.



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**SECTION 15. REGULATORY INFORMATION (CONTINUED)**

**15.2 STATE REGULATIONS:**

CALIFORNIA SAFE DRINKING WATER & TOXIC ENFORCEMENT ACT (PROPOSITION 65):

This product contains no chemicals known to the State of California to cause cancer or reproductive toxicity.

**15.3 INTERNATIONAL REGULATIONS**

The identified components of this product are listed on the chemical inventories of the following countries:

Australia (AICS), Canada (DSL or NDSL), China (IECSC), Europe (EINECS, ELINCS), Japan (METI/CSCL, MHLW/ISHL), South Korea (KECI), New Zealand (NZIoC), Philippines (PICCS), Switzerland (SWISS), Taiwan (NECSI), USA (TSCA).

**15.4 CANADA: WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS)**

D2B: Irritating to skin / eyes.

This product was classified using the hazard criteria of the Controlled Products Regulations (CPR). This Document contains all information required by the CPR.

**SECTION 16. OTHER INFORMATION**

**16.1 HAZARD RATINGS:**

HEALTH (NFPA): 0, HEALTH (HMIS): 0, FLAMMABILITY: 1, PHYSICAL HAZARD: 0  
(Personal Protection Rating to be supplied by user based on use conditions.)  
This information is intended solely for the use of individuals trained in the NFPA & HMIS hazard rating systems.

**16.2 EMPLOYEE TRAINING**

See Section 2 (Hazards Identification). Employees should be made aware of all hazards of this material (as stated in this SDS) before handling it.

**16.3 SDS DATE: 05/04/2015**

**NOTICE**

The supplier disclaims all expressed or implied warranties of merchantability or fitness for a specific use, with respect to the product or the information provided herein, except for conformation to contracted specifications. All information appearing herein is based upon data obtained from manufacturers and/or recognized technical sources. While the information is believed to be accurate, we make no representations as to its accuracy or sufficiency. Conditions of use are beyond our control, and therefore users are responsible for verifying the data under their own operating conditions to determine whether the product is suitable for their particular purposes and they assume all risks of their handling, and disposal of the product. Users also assume all risks in regards to the publication or use of, or reliance upon information contained herein. This information relates only to the product designated herein, and does not relate to its use in combination with any other material or process.

Unless updated, the Safety Data Sheet is valid until 05/04/2018.