

## Rubber Fenders & Bumpers - Compound 77400-01

### Material Safety Data Sheet

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#### Section 1: Product Information

##### Product Identifier

Polymeric, cured rubber extruded profile based on a proprietary synthetic rubber compound

**Manufacturer's Name:** Performance Polymers Innovations Inc    **City:** Cambridge    **Province:** Ontario

**Street Address:** 36 Raglin Place    **Postal Code:** N1R 7J2    **Emergency Phone #:** 888-222-5968

#### Section 2: Hazardous Ingredients

Chemical Identity	Concentration	CAS#	LD50	LC50
TUFFLO 2000	20 – 30	64742-52-5	5000 mg/kg(rat)oral	Acute 5.0 mg/l(rat)
ZINC OXIDE	0.1 - 2	1314-13-2	7950mg/kg oral(mouse)	2500mg/m <sup>3</sup> (mouse)inh
TBBS	0.1 - 2	95-31-8	>5000mg/kg oral(rat)	Not Available

#### Section 3: Physical Data

**Physical State:** Solid    **Odour & Appearance:** Rubbery solid; characteristic odour

**Odour Threshold:** N/A    **Freezing Point (c):** N/A    **Co-efficient of Water/Oil Distribution:** N/A

**Vapour Pressure:** N/A    **Boiling Point (c):** N/A    **Specific Gravity (water = 1):** 1.17

**pH:** N/A    **Vapour Density:** N/A    **Evaporation Rate (BuAe = 1):** N/A

**Percent Volatile (by volume):** N/A

N/A = Not Applicable

**Section 4: Prepared Information**

**Prepared by (Group, Department, Etc.):** Technical Group

**Phone Number:** (519) 622-1792

**Date of Preparation:** January 12, 2009 (Updated Jan 12, 2011)

**Section 5: Fire / Explosion Hazard**

**Conditions of Flammability:** Yes, at temperatures greater than 240°C

**Means of Extinction:** Water / Water spray / CO<sub>2</sub> / ABC dry chemical / Protein type of foam

**Explosion Data:**

**Sensitivity to Mechanical Impact:** None      **Sensitivity to Static Discharge:** None

**Flashpoint (c) and Method:** None      **Upper Flammable Limit %:** N/A      **Lower Flammable Limit %:** N/A

**Autoignition Temperature (c):** >240°C

**Hazardous Combustion Products:** Normal organic combustion products; CO<sub>2</sub>, CO, Carbon, Water

**Section 6: Reactivity Data**

**Stability:** Stable

**Incompatible Materials:** None Known

**Conditions of Reactivity:** Excessive heat, over 240°C

**Hazardous Decomposition Products:** Normal organic combustion products; CO<sub>2</sub>, CO, Carbon, Water

N/A = Not Applicable

**Section 7: Toxicological Properties****Route of Entry:**

Skin Contact     Skin Absorption     Eye Contact     Inhalation     Ingestion

**Effects of Acute Exposure to Product:** None Known

**Effects of Chronic Exposure to Product:**

Product is solid & ingredients are bound in a crosslinked polymeric matrix at ambient temperature, therefore there is no known risk from exposure at normal use temperatures.

**Exposure Limits:**

-None Known

**Irritancy to Product:**

- None Known

**Synergistic Products:**

-None Known

**Evidence of Carcinogenicity, Reproductive Toxicity, Teratogenicity or Mutagenicity:**

-None known at normal use temperatures.

-In the event of a fire, burning of the rubber may produce fumes or vapours. Epidemiological studies suggest that exposure to rubber fumes at these high temperatures may be a significant factor in the observed increased evidence in certain types of cancer and also in the causation of some other diseases.

**Sensitivity to Product:** None Known

**Section 8: Preventative Measures**

**Personal Protective Equipment:** Not required at normal use temperatures

**Gloves:** Not required

**Respirator:** Not required

**Eye Protection :** Not Required

**Footwear:** Safety boots

**Other Equipment:** During emergency conditions thermal decomposition products may present a health hazard. An approved self-contained breathing apparatus should be worn.

**Engineering Controls:** N/A

**Leak and Spill Procedure:** N/A

**Waste Disposal:** Dispose in accordance with Local, State, Provincial & Federal Regulations

**Handling Procedures & Equipment:** N/A

**Storage Requirements:** N/A

**Special Shipping Information:** N/A

N/A = Not Applicable

**Section 9: First Aid Measures**

**Inhalation:** Remove to fresh air when exposed to excessive fumes in the event of emergency conditions (burning). Seek medical attention as required.

**Ingestion:** N/A

**Eye Contact:** N/A

**Skin Contact:** N/A

**Section 10: Additional Measures**

N/A

**Section 11: Sources Used**

Biltrite – LGX1441 Material Safety Data Sheet

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N/A = Not Applicable