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## Non-Conductive Railseal Interface Compound PPI-76601-05

### Material Safety Data Sheet

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#### Section 1: Product Information

##### Product Identifier:

Polymeric, cured rubber extruded profile based on a proprietary compound (manufactured product)

**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
NAPHTHENIC OIL	5 - 10	64742-52-5	5000mg/kg (rat) oral	Acute 5.0 mg/l (rat)
ZINC OXIDE	0.1 - 2	1314-13-2	7950mg/kg (mouse) oral	2500mg/m3 (mouse) inh

#### Section 3: Physical Data

<b>Physical State:</b> Solid	<b>Odour &amp; Appearance:</b> Rubbery solid; characteristic odour	
<b>Odour Threshold:</b> N/A	<b>Freezing Point (c):</b> N/A	<b>Co-efficient of Water/Oil Distribution:</b> N/A
<b>Vapour Pressure:</b> N/A	<b>Boiling Point (c):</b> N/A	<b>Specific Gravity (water = 1):</b> 1.31
<b>pH:</b> N/A	<b>Vapour Density:</b> N/A	<b>Evapouration Rate (BuAe = 1):</b> N/A
<b>Percent Volatile (by volume):</b> 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:** September 10, 2010

**Section 5: Fire / Explosion Hazard**

**Conditions of Flammability:** Yes, at temperatures greater than 240°C (464°F)

**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) & Method:** None    **Upper Flammable Limit %:** N/A    **Lower Flammable Limit %:** N/A

**Autoignition Temperature (c):** >240°C (464°F)

**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 (464°F)

**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 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:** Not required

**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 for cured rubber

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

**Storage Requirements:** N/A

**Special Shipping Information:** N/A

N/A = Not Applicable

**Section 9: First Aid Measures**

**Inhalation:** N/A (at normal use temperatures) - In the event of a fire, remove to fresh air if exposure to excessive fumes

**Ingestion:** N/A

**Eye Contact:** N/A

**Skin Contact:** N/A

**Section 10: Additional Measures**

N/A

**Section 11: Sources Used**

Infinity Rubber Technology Group - PPI 76601-05 Material Safety Data Sheet

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N/A = Not Applicable