

Broom Sweeper Element Compound PPI-NR-8B01

Material Safety Data Sheet

Page 1 of 4

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
TBBS (powder)	0.1 - 2	95-31-8	>5000 mg/kg (rat) oral	Not available
ZINC OXIDE	2 - 5	1314-13-2	7950mg/kg (mouse) oral	2500mg/m3 (mouse) inh

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): 1.19
pH: N/A	Vapour Density: N/A	Evapouration 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 13, 2016

Section 5: Fire / Explosion Hazard

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

Means of Extinction: Water / Water spray / CO₂ / 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; CO₂, 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; CO₂, 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 – NR8B01 Material Safety Data Sheet

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