

# SAFETY DATA SHEET

## 1. Identification

<b>Product identifier</b>	<b>Black Magic® Tire Foam</b>		
<b>Other means of identification</b>			
<b>Synonyms</b>	36201		
<b>Recommended use</b>	Coating		
<b>Recommended restrictions</b>	None known.		
<b>Manufacturer/Importer/Supplier/Distributor information</b>			
<b>Manufacturer</b>			
<b>Company name</b>	ITW Permatex Canada		
<b>Address</b>	35 Brownridge Road, Unit 1 Halton Hills, ON L7G 0C6 Canada		
<b>Telephone</b>	Phone:	1-905-693-8900	
<b>e-mail</b>	Not available.		
<b>Emergency phone number</b>	Emergency Telephone:	1-877-504-9352	
<b>Supplier</b>	Not available.		

## 2. Hazard identification

<b>Physical hazards</b>	Not classified.
<b>Health hazards</b>	Not classified.
<b>Environmental hazards</b>	Not classified.
<b>Label elements</b>	
<b>Hazard symbol</b>	None
<b>Signal word</b>	None
<b>Hazard statement</b>	The mixture does not meet the criteria for classification.
<b>Precautionary statement</b>	
<b>Prevention</b>	Observe good industrial hygiene practices.
<b>Response</b>	Wash hands after handling.
<b>Storage</b>	Store away from incompatible materials.
<b>Disposal</b>	Dispose of waste and residues in accordance with local authority requirements.
<b>Other hazards</b>	None known.
<b>Supplemental information</b>	This product is not subject to the Hazardous Products Act (HPA) Part II (Hazardous Products) as per paragraph 12(j); Schedule 1 (Non-Application of Part II).  Exempt - Consumer product

## 3. Composition/information on ingredients

### Mixtures

<b>Chemical name</b>	<b>Common name and synonyms</b>	<b>CAS number</b>	<b>%</b>
Octamethylcyclotetrasiloxane		556-67-2	5 - 10
Cyclopentasiloxane, decamethyl-		541-02-6	1 - 5
Isobutane		75-28-5	1 - 5
Ethoxylated nonyl phenol		9016-45-9	0.1 - 1
Ammonia		7664-41-7	0.1 - 1

**Composition comments** This product is regulated under the CCCR Criteria (Consumer Chemicals and Containers Regulations, 2001). WHMIS requirements are not applicable.

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#### 4. First-aid measures

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<b>Inhalation</b>	If symptoms develop, move victim to fresh air. If symptoms persist, obtain medical attention. If breathing has stopped, trained personnel should administer CPR immediately.
<b>Skin contact</b>	Flush with cool water. Wash with soap and water. Obtain medical attention if irritation persists.
<b>Eye contact</b>	Flush with cool water. Remove contact lenses, if applicable, and continue flushing. Obtain medical attention if irritation persists.
<b>Ingestion</b>	Not a normal route of exposure. Do not induce vomiting. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. Never give anything by mouth if victim is unconscious, or is convulsing. Obtain medical attention.
<b>Most important symptoms/effects, acute and delayed</b>	May cause respiratory irritation.
<b>Indication of immediate medical attention and special treatment needed</b>	Treat patient symptomatically.
<b>General information</b>	Do not puncture or incinerate container. Do not store at temperatures above 49°C. If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Avoid contact with eyes and skin. Wear rubber gloves and safety glasses with side shields. Keep out of reach of children.

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#### 5. Fire-fighting measures

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<b>Suitable extinguishing media</b>	Dry chemical. Foam. Carbon dioxide.
<b>Unsuitable extinguishing media</b>	Not available.
<b>Specific hazards arising from the chemical</b>	Contents under pressure. Pressurized container may explode when exposed to heat or flame. Cool containers with flooding quantities of water until well after fire is out. Firefighters should wear a self-contained breathing apparatus.
<b>Special protective equipment and precautions for firefighters</b>	Firefighters should wear full protective clothing including self contained breathing apparatus.

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#### 6. Accidental release measures

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<b>Personal precautions, protective equipment and emergency procedures</b>	Keep unnecessary personnel away. Do not touch or walk through spilled material. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Keep people away from and upwind of spill/leak.
<b>Methods and materials for containment and cleaning up</b>	Before attempting clean up, refer to hazard data given above. Remove sources of ignition. Although the chance of a significant spill or leak is unlikely in aerosol containers, in the event of such an occurrence, absorb spilled material with a non-flammable absorbent such as sand or vermiculite. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Stop leak if you can do so without risk. Prevent entry into waterways, sewers, basements or confined areas.
<b>Environmental precautions</b>	Do not discharge into lakes, streams, ponds or public waters.

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#### 7. Handling and storage

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<b>Precautions for safe handling</b>	Use good industrial hygiene practices in handling this material. Use only with adequate ventilation. Wash thoroughly after handling.
<b>Conditions for safe storage, including any incompatibilities</b>	Keep out of reach of children. Keep away from heat, open flames or other sources of ignition. Do not store at temperatures above 49°C (120.2°F).

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#### 8. Exposure controls/Personal protection

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##### Occupational exposure limits

##### US. ACGIH Threshold Limit Values

Components	Type	Value
Ammonia (CAS 7664-41-7)	STEL	35 ppm
	TWA	25 ppm
Isobutane (CAS 75-28-5)	STEL	1000 ppm

##### Canada. Alberta OELs (Occupational Health & Safety Code, Schedule 1, Table 2)

Components	Type	Value
Ammonia (CAS 7664-41-7)	STEL	24 mg/m3

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**Canada. Alberta OELs (Occupational Health & Safety Code, Schedule 1, Table 2)**

Components	Type	Value
		35 ppm
	TWA	17 mg/m <sup>3</sup>
		25 ppm

**Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended)**

Components	Type	Value
Ammonia (CAS 7664-41-7)	STEL	35 ppm
	TWA	25 ppm
Isobutane (CAS 75-28-5)	TWA	1000 ppm

**Canada. Manitoba OELs (Reg. 217/2006, The Workplace Safety And Health Act)**

Components	Type	Value
Ammonia (CAS 7664-41-7)	STEL	35 ppm
	TWA	25 ppm
Isobutane (CAS 75-28-5)	STEL	1000 ppm

**Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents)**

Components	Type	Value
Ammonia (CAS 7664-41-7)	STEL	35 ppm
	TWA	25 ppm
Isobutane (CAS 75-28-5)	TWA	800 ppm

**Canada. Quebec OELs. (Ministry of Labor - Regulation Respecting the Quality of the Work Environment)**

Components	Type	Value
Ammonia (CAS 7664-41-7)	STEL	24 mg/m <sup>3</sup>
		35 ppm
	TWA	17 mg/m <sup>3</sup>
		25 ppm

<b>Biological limit values</b>	No biological exposure limits noted for the ingredient(s).
<b>Exposure guidelines</b>	Chemicals listed in section 3 that are not listed here do not have established limit values for ACGIH.
<b>Appropriate engineering controls</b>	General ventilation normally adequate.
<b>Individual protection measures, such as personal protective equipment</b>	Consult the product label for special protection or precautions that have been identified for using this product under directed consumer use conditions. The following recommendations are given for workplace employees, emergency personnel and for other conditions and situations where there is a greater potential for large-scale or prolonged exposure.
<b>Eye/face protection</b>	Wear safety glasses with side shields.
<b>Skin protection</b>	
<b>Hand protection</b>	Neoprene or Nitrile rubber. Gloves. Confirm with a reputable supplier first.
<b>Other</b>	As required by employer code.
<b>Respiratory protection</b>	Where exposure guideline levels may be exceeded, use an approved NIOSH respirator.
<b>Thermal hazards</b>	Not available.
<b>General hygiene considerations</b>	Handle in accordance with good industrial hygiene and safety practice. When using do not eat or drink. Wash hands and face before breaks and immediately after handling the product.

**9. Physical and chemical properties**

<b>Appearance</b>	Foamy Spray
<b>Physical state</b>	Liquid.
<b>Form</b>	Liquid
<b>Colour</b>	White
<b>Odour</b>	Pungent
<b>Odour threshold</b>	Not available.
<b>pH</b>	9 - 10
<b>Melting point/freezing point</b>	Not available.

<b>Initial boiling point and boiling range</b>	100 °C (212 °F)
<b>Flash point</b>	> 104.4 °C (> 220.0 °F) (liquid)
<b>Evaporation Rate</b>	< 1 (BuAc=1)
<b>Flammability (solid, gas)</b>	Not available.
<b>Upper/lower flammability or explosive limits</b>	
<b>Flammability limit - lower (%)</b>	Not available.
<b>Flammability limit - upper (%)</b>	Not available.
<b>Explosive limit - lower (%)</b>	Not available.
<b>Explosive limit – upper (%)</b>	Not available.
<b>Vapour pressure</b>	Not available.
<b>Vapour density</b>	Heavier than air
<b>Relative density</b>	Not available.
<b>Solubility(ies)</b>	
<b>Solubility (Water)</b>	Not available.
<b>Partition coefficient (n-octanol/water)</b>	Not available.
<b>Auto-ignition temperature</b>	Not available.
<b>Decomposition temperature</b>	Not available.
<b>Viscosity</b>	Not available.
<b>Other information</b>	
<b>Flame projection</b>	None
<b>Specific gravity</b>	0.99 - 1.02

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## 10. Stability and reactivity

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<b>Reactivity</b>	Aerosol containers are unstable at temperatures above 49°C (120.2°F).
<b>Chemical stability</b>	Stable under recommended storage conditions.
<b>Possibility of hazardous reactions</b>	Hazardous polymerisation does not occur.
<b>Conditions to avoid</b>	Heat, open flames, static discharge, sparks and other ignition sources. Do not mix with other chemicals.
<b>Incompatible materials</b>	Acids. Oxidizers.
<b>Hazardous decomposition products</b>	May include and are not limited to: Oxides of carbon.

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## 11. Toxicological information

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### Information on likely routes of exposure

<b>Inhalation</b>	May cause respiratory tract irritation. Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.
<b>Skin contact</b>	Prolonged skin contact may cause skin irritation.
<b>Eye contact</b>	Direct contact with eyes may cause temporary irritation.
<b>Ingestion</b>	Exposure by ingestion of an aerosol is unlikely. May cause stomach distress, nausea or vomiting.

**Symptoms related to the physical, chemical and toxicological characteristics**      There are no hazards associated with this product in normal use.

### Information on toxicological effects

#### Acute toxicity

Components	Species	Test results
Ammonia (CAS 7664-41-7)		
<b>Acute</b>		
<i>Dermal</i>		
LD50	Not available	

Components	Species	Test results
<i>Inhalation</i>		
LC50	Cat	0.7 mg/L, 1 Hours
	Mouse	2115 ppm, 4 Hours
	Rabbit	7.1 mg/L, 1 Hours
	Rat	4000 ppm, 1 Hours
		7.6 mg/L, 2 Hours
		5.1 mg/L, 1 Hours
		1 mg/l/4h
<i>Oral</i>		
LD50	Rat	350 mg/kg
Cyclopentasiloxane, decamethyl- (CAS 541-02-6)		
<b>Acute</b>		
<i>Dermal</i>		
LD50	Rabbit	> 2000 mg/kg
<i>Inhalation</i>		
LC50	Rat	8.7 mg/l/4h, (Aerosol)
<i>Oral</i>		
LD50	Rat	24134 mg/kg
Ethoxylated nonyl phenol (CAS 9016-45-9)		
<b>Acute</b>		
<i>Inhalation</i>		
LC50	Not available	
<i>Oral</i>		
LD50	Rat	2490 mg/kg
Isobutane (CAS 75-28-5)		
<b>Acute</b>		
<i>Dermal</i>		
LD50	Not available	
<i>Inhalation</i>		
LC50	Rat	658 mg/l/4h
<i>Oral</i>		
LD50	Not available	
Octamethylcyclotetrasiloxane (CAS 556-67-2)		
<b>Acute</b>		
<i>Dermal</i>		
LD50	Rabbit	1770 mg/kg
<i>Inhalation</i>		
LC50	Rat	12.7 mg/l/4h
<i>Oral</i>		
LD50	Rat	1540 mg/kg
<b>Skin corrosion/irritation</b>	Prolonged skin contact may cause skin irritation.	
<b>Exposure minutes</b>	Not available.	
<b>Erythema value</b>	Not available.	
<b>Oedema value</b>	Not available.	
<b>Serious eye damage/eye irritation</b>	Direct contact with eyes may cause temporary irritation.	
<b>Corneal opacity value</b>	Not available.	
<b>Iris lesion value</b>	Not available.	
<b>Conjunctival reddening value</b>	Not available.	
<b>Conjunctival oedema value</b>	Not available.	
<b>Recover days</b>	Not available.	

<b>Respiratory or skin sensitisation</b>	Not classified.
<b>Respiratory sensitisation</b>	Not available.
<b>Skin sensitisation</b>	Not available.
<b>Germ cell mutagenicity</b>	Non-hazardous by WHMIS criteria.
<b>Carcinogenicity</b>	Non-hazardous by WHMIS criteria.
<b>Reproductive toxicity</b>	Non-hazardous by WHMIS criteria.
<b>Specific target organ toxicity - single exposure</b>	Not classified.
<b>Specific target organ toxicity - repeated exposure</b>	Not classified.
<b>Aspiration hazard</b>	Not classified.
<b>Chronic effects</b>	Non-hazardous by WHMIS criteria.
<b>Further information</b>	Not available.

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## 12. Ecological information

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**Ecotoxicity** The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

### Ecotoxicological data

Components	Species	Test results
Ammonia (CAS 7664-41-7)		
<b>Aquatic</b>		
Fish	LC50	Chinook salmon ( <i>Oncorhynchus tshawytscha</i> )
		0.43 - 0.47 mg/L, 96 hours
Ethoxylated nonyl phenol (CAS 9016-45-9)		
<b>Aquatic</b>		
Crustacea	EC50	Water flea ( <i>Daphnia magna</i> )
		12.2 mg/L, 48 hours
Fish	LC50	Bluegill ( <i>Lepomis macrochirus</i> )
		1 - 1.8 mg/L, 96 hours
<b>Persistence and degradability</b>	Not available.	
<b>Bioaccumulative potential</b>	Not available.	
<b>Mobility in soil</b>	Not available.	
<b>Mobility in general</b>	Not available.	
<b>Other adverse effects</b>	Not available.	

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## 13. Disposal considerations

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<b>Disposal instructions</b>	Review federal, provincial, and local government requirements prior to disposal. Do not puncture or incinerate container.
<b>Hazardous waste code</b>	Not regulated.
<b>Waste from residues / unused products</b>	Not available.
<b>Contaminated packaging</b>	Not available.

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## 14. Transport information

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### Transportation of Dangerous Goods (TDG - Canada)

#### Basic shipping requirements:

<b>UN number</b>	UN1950
<b>Proper shipping name</b>	AEROSOLS, non-flammable
<b>Hazard class</b>	2.2
<b>Packaging exceptions</b>	Limited quantity 1L
<b>ERG Code</b>	2L



**15. Regulatory information**

**Canadian federal regulations**

This product is not subject to the Hazardous Products Act (HPA) Part II (Hazardous Products) as per paragraph 12(j); Schedule 1 (Non-Application of Part II). This restriction states that Part II does not apply in respect of the sale or importation of anything listed in Schedule 1 which includes any pest control product as defined in subsection 2(1) of the Pest Control Products Act, any explosive as defined in section 2 of the Explosives Act, any cosmetic, device, drug or food, as defined in section 2 of the Food and Drugs Act, any consumer product as defined in section 2 of the Canada Consumer Product Safety Act and any wood or product made of wood.

**Canada CEPA Schedule I: Listed substance**

Ammonia (CAS 7664-41-7)	Listed.
Ethoxylated nonyl phenol (CAS 9016-45-9)	Listed.
Octamethylcyclotetrasiloxane (CAS 556-67-2)	Listed.

**Canada DSL Challenge Substances: Listed substance**

Cyclopentasiloxane, decamethyl- (CAS 541-02-6)	Listed
Isobutane (CAS 75-28-5)	Listed
Octamethylcyclotetrasiloxane (CAS 556-67-2)	Listed

**Canada NPRI VOCs with Additional Reporting Requirements: Mass reporting threshold/Identification Number**

Isobutane (CAS 75-28-5)	1 TONNES
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**Canada Priority Substances List (Second List): Listed substance**

Ammonia (CAS 7664-41-7)	Listed.
Ethoxylated nonyl phenol (CAS 9016-45-9)	Listed.

**Export Control List (CEPA 1999, Schedule 3)**

Not listed.

**Greenhouse Gases**

Not listed.

**Precursor Control Regulations**

Not regulated.

**WHMIS status**

Controlled

**WHMIS classification**

Exempt - Consumer product

**Inventory Status**

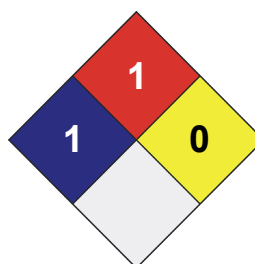
Country(s) or region	Inventory Name	On Inventory (Yes/No)*
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No

\*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

**16. Other information**

LEGEND	
Severe	4
Serious	3
Moderate	2
Slight	1
Minimal	0

<b>HEALTH</b>	/ 1
<b>FLAMMABILITY</b>	1
<b>PHYSICAL HAZARD</b>	0
<b>PERSONAL PROTECTION</b>	X



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**Version #**

01

**Other information**

For an updated SDS, please contact the supplier/manufacturer listed on the first page of the document.

**Disclaimer**

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