



**BRITANNIA RUBBER MFG. LTD.**

1676 Britannia Rd. East  
Mississauga, Ontario  
L4W 1J2  
Tel: (416) 564-0582

## MATERIAL DATA SAFETY SHEET

MSDS: \_\_\_\_\_ Date Issued: 16-01-2012  
(All hardnasses)

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### IDENTIFICATION

**Trade Name:** NITRILE  
**Chemical Name:**  
**CAS number:** Mixture  
**Chemical Family:** NBR

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### SPECIAL REGULATORY HAZARDS

INGREDIENT	CAS No.	EXPOSURE LIMIT	LEVEL
Sulfasan R	103-34-4		.01 – 1.0% by weight
MBTS	120-78-5		.01 – 1.0% by weight

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### PHYSICAL DATA

<b>Solubility:</b>	Insoluble in water	<b>Specific Gravity:</b>	1.05 – 1.12
<b>Melting Point:</b>	N.D.	<b>Vapor Pressure:</b>	N.D.
<b>Boiling Point:</b>	N.D.	<b>Vapor Density:</b>	N.D.
<b>Other</b>	White to black in colour	<b>Volatility @ 70 °F:</b>	Very low

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### FIRE AND EXPLOSION DATA

<b>Flash Point:</b>	N.D.	<b>Autoignition Temp:</b>	N.D.
<b>Extinguishing Media:</b>	Water and foam	<b>Flammable Limits:</b>	N.D.
<b>Special Fire Procedures:</b>	Use self contained breathing apparatus		

**Unusual Hazards:** None known

## REACTIVITY DATA

**Stability:** Stable at ambient temperatures.  
**Incompatibility:** N.D.  
**Decomposition Products:** Carbon Monoxide, Carbon monoxide, Vinyl Chloride.

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## SPECIAL PROTECTION INFORMATION

**Engineering Control:** Local exhaust is advisable.  
**Personal Protection Equipment:** Impermeable gloves and eye protection.

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## STORAGE SPILLS AND DISPOSAL INFORMATION

**Storage:** Always Store away from direct heat sources.  
**Spills:** Sweep up for disposal or reprocessing as appropriate  
**Disposal:** Dispose according with local authorities.  
**Environmental Information:** N.D.

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## HEALTH RELATED DATA

**Specific Hazards:** No hazards have been identified  
**Primary Routes of Entry:** Inhalation of fumes, Skin absorption.  
**First Aid Procedures:** **Skin:** Wash skin thoroughly

**Toxicology Information:** No toxicology data in this material.

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NA = Not Applicable  
ND = Not Determined

Britannia makes no representation or warranty with respect to the information in the Material Safety Data Sheet. The information is however, as of this date provided, true and accurate to the best of Britannia's knowledge. This list of information is not intended to be all inclusive. Actual conditions of use and handling may require considerations of information other than, or in addition to, that which is provided herein.