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# MATERIAL SAFETY DATA SHEET

## SECTION 1 : IDENTIFICATION OF PRODUCT

<b>TRADE NAME :</b>	AB-178
<b>PRODUCT NUMBER :</b>	BS-905070 D Item: 227-16-482 (ref.)
<b>WHMIS CLASS :</b>	NOT CONTROLLED
<b>DESCRIPTION :</b>	NATURAL RUBBER
<b>PRODUCT USE :</b>	BLACK NR 70 DURO AASTHO
<b>TRANSPORT :</b>	NOT REGULATED
<b>HMS CODE :</b>	HEALTH ( ) FIRE ( ) REACTIVITY ( ) SPECIFIC ( ) 0 : Minor 1 : Light 2 : Moderate 3 : High 4 : Dangerous
<b>SUPPLIER :</b>	American Biltrite (Canada) Ltd 200, Bank Street, Sherbrooke Québec, Canada J1H 4K3 <b>EMERGENCY PHONE NUMBER :</b> (819) 829-3300

## SECTION 2 : HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS	# CAS	%	T.L.V.	LD50
N-ISOPROPYL-N'-PHENYL-P-PHENYLENE DIAMINE	101-72-4	1 - 5	N/D	510-950 mg/kg (oral-rat)
CARBON BLACK	1333-86-4	15 - 40	3.5 mg/m <sup>3</sup>	> 8,000 mg/kg (oral-rat)

## SECTION 3: PHYSICAL PROPERTIES

<b>APPEARANCE AND ODOUR :</b>	Black solid material, rubber odour.
<b>BOILING POINT (°C) :</b>	N/A
<b>SPECIFIC GRAVITY (H<sub>2</sub>O = 1) :</b>	1.16 (approx.)
<b>VAPOUR DENSITY (Air = 1) :</b>	N/A
<b>MELTING POINT (°C) :</b>	N/D
<b>EVAPORATION RATE :</b>	N/A
<b>SOLUBILITY IN WATER (%) :</b>	Insoluble.
<b>VOLATILE MATTER (% Vol.) :</b>	N/D
<b>VAPOUR PRESSURE (mm of Hg) :</b>	N/A
<b>PH :</b>	N/D

## SECTION 4 : FIRE AND EXPLOSION HAZARD DATA

<b>FLAMMABLE :</b>	YES ( ) NO (x)
<b>IF YES, IN WHICH CONDITIONS :</b>	
<b>FLASH POINT (°C) :</b>	N/D
<b>METHOD :</b>	N/D
<b>AUTO-IGNITION TEMPERATURE (°C) :</b>	N/D
<b>FLAMMABLE LIMITS (% VOL. IN AIR) :</b>	
<b>LOWER LIMIT :</b> N/D	<b>UPPER LIMIT :</b> N/D
<b>EXTINGUISHING MEDIA :</b>	
WATER SPRAY (x)	WATER FOG ( ) CARBON DIOXIDE ( )
FOAM (x)	DRY CHEMICAL (x)
OTHERS ( )	
<b>SPECIAL FIRE FIGHTING PROCEDURES :</b>	
Wear adequate respiratory protection.	
<b>UNUSUAL FIRE AND EXPLOSION HAZARDS :</b>	
Fire hazard when exposed to flame. Thermal degradation produces flammable hydrocarbon. Molten product causes burn when in contact with skin. Dense smoke, explosions hazard with the flammable substance released.	

## SECTION 5 : REACTIVITY DATA

<b>STABILITY :</b> <b>CONDITIONS TO AVOID :</b>	UNSTABLE N/D	( )	STABLE	(x)
<b>HAZARDOUS POLYMERIZATION :</b> <b>CONDITIONS TO AVOID :</b>	MAY OCCUR N/D	( )	WILL NOT OCCUR	(x)
<b>INCOMPATIBILITY (materials to avoid) :</b> N/D				
WATER ( )	BASE ( )	OXIDIZING AGENTS ( )		
ACID ( )	CORROSIVE ( )			
OTHERS ( )				
<b>HAZARDOUS DECOMPOSITION PRODUCTS :</b>				
Can emit oxides of carbon, sulfur and hydrocarbons.				

## SECTION 6 : PREVENTIVE MEASURES

<b>VENTILATION :</b>	When heated provide adequate ventilation to remove smoke and fumes from work area.
<b>RESPIRATORY PROTECTION :</b>	None required with adequate ventilation.
<b>EYE PROTECTION :</b>	Safety glasses.
<b>HAND PROTECTION :</b>	Gloves.
<b>OTHER PROTECTIVE EQUIPMENT :</b>	None
<b>HANDLING :</b>	Practice good personal hygiene.
<b>STORAGE :</b>	Store in a dry and fresh place.

## SECTION 7 : SPILL OR LEAK PROCEDURES

<b>STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED :</b>	Reuse material or dispose.
<b>WASTE DISPOSAL METHOD :</b>	Follow local, provincial and federal regulations. Recycle if possible.
<b>OTHER INFORMATION :</b>	

## SECTION 8 : HEALTH HAZARD DATA

<b>ABSORPTION ROUTE :</b>	SKIN (x)	EYES (x)
	INHALATION (x)	INGESTION ( )

<b>EFFECTS OF OVEREXPOSURE :</b>	The solid ingredients listed in Section 2 are incorporated into the product and will not be released. They are provided for information. No acute effect expected.
<b>SKIN :</b>	Contact not expected to be harmful.
<b>EYES :</b>	Not expected to be harmful.
<b>INHALATION :</b>	Not expected to be harmful.
<b>INGESTION :</b>	N/D

## SECTION 9 : FIRST AID PROCEDURES

<b>SKIN :</b>	Wash with soap and water.
<b>EYES :</b>	Flush with water and remove the dirt particles.
<b>INHALATION :</b>	Move the person to fresh air, give artificial respiratory