



MATERIAL SAFETY DATA SHEET

1. PRODUCT INFORMATION

Trade Name: **DURABLA UNIVERSAL BLACK
DURABLA NITRILE**

Common Name: Compressed Gasket Material

Manufacturer: Durabla Canada Ltd.
293 University Ave.
Belleville, Ont. K8N 5B3
Phone: 613-966-1442
Fax: 613-966-1572

Material Use: Gaskets for sealing gas or liquid.

WHMIS Classification: **Manufactured Article exempt from WHMIS**

2. HAZARDOUS INGREDIENTS

Ingredient:	Percent:	CAS #	WHMIS Class
*Chrysotile Asbestos	80%	1332-21-4	D2

Occupational Exposure Limits (0.Reg 570/82)

TWAEEL	1.0 F/CC	MCEL	5.0 F/CC
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* Asbestos is listed as a confirmed human carcinogen by IARC.

3. PHYSICAL DATA

Colour: Black or slate gray

Manufactured in compressed sheets of rubber binder containing asbestos and cut into gaskets.

Density: 1.9 g/cm³ (118 lbs/ft³)

Maximum Service Temperature: 1100°F (593°C)

Maximum Service Pressure: 2500 PSI (17.24 MPa)

4. FIRE OR EXPLOSION HAZARD

Flash Point: Does not Flash

Explosion Data: Not Applicable

Extinguishing Media: Standard methods, such as, water spray, carbon dioxide, foam, sand, dry chemical.

Special Firefighting Procedure: Self-contained breathing apparatus should be used due to thick black smoke.

Unusual Fire Hazard: Product fire resistant but can be ignited. Rubber binder will give off black smoke.

5. REACTIVITY DATA

Stability: Stable

Conditions to Avoid: None known

Incompatibility: Not Applicable.

Hazardous Polymerization: Will not occur

Hazardous Decomposition Products: None.

6. TOXICOLOGICAL PROPERTIES

Route of Entry: Inhalation of asbestos dust has shown to cause cancer. Smokers have an increased risk of lung cancer when exposed to asbestos. No adverse effect in skin contact, eye contact or ingestion.

Acute Exposure: No immediate reaction to overexposure.

Chronic Exposure: Long term overexposure to asbestos dust may cause asbestosis, lung cancer and mesothelioma of the pleura and peritoneum.

Toxic Effects: Listed as a confirmed human carcinogen by IARC (Group 1).

7. **PREVENTATIVE MEASURES**

The compressed gasket material contains asbestos fibres dispersed in a rubber binder which reduces the potential for asbestos exposure during normal handling. No special precautions are needed unless dust is created. If possible, avoid dust creating processes such as sawing, grinding or drilling.

Personal Protective Equipment: Use NIOSH/MSHA approved respirator for protection against asbestos, if dust levels exceed allowable limits.

Ventilation by local exhaust and/or dust collection to within the allowable exposure limit.

Spill and Leaks: Dust to be vacuumed with a machine equipped with a HEPA filter. DO NOT DRY sweep. Wet down dust before handling or sweeping. Old gaskets can be removed by wetting fiber exposed.

Waste Disposal: Product, gaskets from product and web left over can be shipped and disposed of with no special handling. Dust created from products must be disposed in closed containers and labeled in accordance with WHMIS controlled product Class D2. Disposal can be in a regular landfill in accordance with local and provincial regulations.

Storage: Store in cool dry location. Avoid sunlight and contact with oil and chemicals as this will shorten the shelf life. Under acceptable conditions, no deterioration can be expected for three/four years after which product loses flexibility but does not release fibers.

8. **FIRST AID PROCEDURES**

Eye Contact: Inert dust, rinse with water.
Skin Contact: Inert dust, wash with soap and water.
Inhalation: Asbestos is encapsulated in binder. If asbestos dust is created from the product, inhalation may result in long term health effects.
Ingestion: Inert dust, not a hazard.

9. **PREPARATION INFORMATION**

For additional information contact: 613-966-1442 -

D. Deegan
General Manager
Durabla Canada Ltd.
293 University Ave.
Belleville, Ont.
K8N 5B3

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