

Durlon® Spiral Wound Gasket - Flexible Graphite Filled

SECTION 1. IDENTIFICATION

Product Identifier	Durlon® Spiral Wound Gasket - Flexible Graphite Filled
Product Family	Semi-Metallic
Manufacturer	Triangle Fluid Controls Ltd., 399 College Street East, Belleville, ON, K8N5S7, Canada, 613-968-1100, 8am-5pm EST, www.trianglefluid.com
Emergency Phone No.	Technical Services, 613-968-1100, 8am-5pm ET
SDS No.	0032

SECTION 2. HAZARD IDENTIFICATION

Classification

Not classified under any hazard class.

Label Elements

Not applicable

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	%	Other Identifiers	Other Names
Graphite	7782-42-5			

Notes

Spiral Wound Gasket with Graphite Filler.

Guide Ring Material (If Existing): Carbon steel or stainless steel

Inner Ring Material (If Existing): Stainless Steel

Winding Material: Graphite with Stainless Steel

SECTION 4. FIRST-AID MEASURES

First-aid Measures

Inhalation

Do not breathe dust. If exposed to high levels of dust, remove to fresh air, drink water and clear throat. Blow nose to clear dust.

Skin Contact

Wash gently and thoroughly with lukewarm, gently flowing water and mild soap for 5 minutes. Get medical advice or attention if you feel unwell or are concerned.

Eye Contact

Rinse the contaminated eye(s) with lukewarm, gently flowing water for 5 minutes, while holding the eyelid(s) open.

Ingestion

Give large quantities of water. Get medical advice or attention if you feel unwell or are concerned.

SECTION 5. FIRE-FIGHTING MEASURES

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Extinguishing Media

Suitable Extinguishing Media

Water fog, foam, dry chemical powder or carbon dioxide (CO₂).

Specific Hazards Arising from the Product

Compositions of by-products from the result of fire will vary depending on the specific conditions. Hazardous gases and vapour include dense smoke and carbon monoxide. There may be others unknown to us.

Special Protective Equipment and Precautions for Fire-fighters

Self-contained breathing devices and protective clothing must be worn in case of fire.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures

No special precautions are necessary. Place spilled material (dust) in a container for disposal. Dispose of all waste according to federal, state, provincial or local laws.

Environmental Precautions

No special precautions are necessary. It is good practice to prevent releases into the environment.

SECTION 7. HANDLING AND STORAGE

Precautions for Safe Handling

It is good practice to: avoid breathing product; avoid skin and eye contact and wash hands after handling. Dust should be gathered by wet wiping or vacuuming with HEPA filtration equipped vacuum cleaners. Do not dry sweep or blow dust with compressed air. Graphite dusts are electrically conductive and accumulation of dust may cause shorting of electric circuits and switches. Personnel involved with handling this product should be wearing appropriate personal protective equipment as outlined in Section 8.

Conditions for Safe Storage

No special requirements for storage area. Protect from conditions listed in Conditions to Avoid in Section 10 (Stability and Reactivity).

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

Chemical Name	ACGIH® TLV®		OSHA PEL		AIHA® WEEL®	
	TWA	STEL [C]	TWA	Ceiling	8-hr TWA	Short-term TWA [C]
Graphite	5 mg/m ³					

Appropriate Engineering Controls

Use local exhaust ventilation, if general ventilation is not adequate to control amount in the air.

Individual Protection Measures

Eye/Face Protection

Not required but it is good practice to wear safety glasses or chemical safety goggles.

Skin Protection

Protective gloves are recommended when handling.

Respiratory Protection

Use particulate filter respirator for specific particulate concentrations exceeding the occupational exposure limits.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Basic Physical and Chemical Properties

Odour Not applicable

Melting Point/Freezing Point Not applicable (melting); Not applicable (freezing)

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Vapour Pressure	Not applicable
Relative Density (water = 1)	Not applicable
Other Information	
Physical State	Solid

SECTION 10. STABILITY AND REACTIVITY

Reactivity

Not reactive under normal conditions of use.

Chemical Stability

Normally stable.

Conditions to Avoid

Avoid contact with highly concentrated acids.

Incompatible Materials

Oxidizing agents (e.g. peroxides).

Hazardous Decomposition Products

By-products from the result of a fire will vary depending on the specific conditions. Hazardous gases/vapours may include dense smoke and carbon monoxide. There may be others unknown to us.

SECTION 11. TOXICOLOGICAL INFORMATION

Skin Corrosion/Irritation

Not an irritant, but washing the skin after use or contact is advisable.

Serious Eye Damage/Irritation

Rinse with water. Get medical attention if irritation is observed.

STOT (Specific Target Organ Toxicity) - Single Exposure

Inhalation

Not likely to be hazardous by inhalation. If exposed to fumes from ignition or combustion of product, move to fresh air. Consult physician symptoms persist.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

No information was located.

Bioaccumulative Potential

This product and its degradation products are not known to bioaccumulate.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal Methods

Dispose of in accordance with all applicable municipal, provincial and federal regulations.

SECTION 14. TRANSPORT INFORMATION

Not regulated under Canadian TDG regulations. Not regulated under US DOT Regulations.

Special Precautions Not applicable

Transport in Bulk according to International Maritime Organization Instruments

Not applicable

SECTION 15. REGULATORY INFORMATION

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Safety, Health and Environmental Regulations

None known.

Canada

Domestic Substances List (DSL) / Non-Domestic Substances List (NDSL)

N/A.

CEPA - National Pollutant Release Inventory (NPRI)

N/A.

SECTION 16. OTHER INFORMATION

SDS Prepared By	Triangle Fluid Controls Ltd.
Phone No.	613-968-1100
Date of Preparation	June 01, 2020
Disclaimer	The information provided in this SDS is correct and to the best of our knowledge at the date of its publication. The information provided is intended only as a guidance for safe handling, transportation, storage, use and disposal and is not considered warranty or quality specification. This SDS is intended for the material specified and may not be valid for the material used in any other combination or process unless specified in the text.

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