

Issue Date: 20-May-2021

Revision Date: 20-May-2021

Version Number: 1

1. Identification

Product Identifiers

Product Name: Manhole Cover Cushion Gasket Rope

Product Number: 820100

Recommended Use & Restrictions on Use

High temperature property and anti-oxidation stability, extremely long high temperature service life. Excellent extreme pressure wear resistance and adhesion, low friction coefficient, strong bearing capacity. Mechanical stability and chemical stability, resistance to water vapor, weak acid and alkali corrosion. Anti-water drenching and water scouring performance, which can provide anti-rust and anti-corrosion protection in harsh environment. Use within safety guidelines as list below.

Manufacturer/Supplier

Kingscote Chemicals, Inc.
3334 South Tech Blvd.
Miamisburg, OH 45342
U.S.A.

Emergency Telephone Number

Company Telephone Number: (937) 886-9100
Emergency Telephone (24 hr): INFOTRAC (800) 535-5053 (North America)
+1-352-323-3500 (International)

2. Hazards Identification

Classification

Physical	Non hazardous
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Signal Word

Danger

Hazard Statements

None

Precautionary Statements

None

Hazard Not Otherwise Classified (HNOC)

None

3. Composition/Information on Ingredients

Chemical Name	CAS #	Weight %
Graphite/Carbon	77482-42-5	1-7

**If Chemical Name/CAS # is "proprietary" and/or Weight % is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.*

4. First-Aid Measures

First-Aid Measures

General Advice	Treat symptoms
Eye Contact	Flush eyes with plenty of water for at least 15 minutes. If there is irritation, contact physician.
Skin Contact	With soap and water, wash skin. If there is irritation, contact physician.
Inhalation	Remove to fresh air. Administer artificial respiration if not breathing, and contact a physician
Ingestion	N/A

Most Important Symptoms and Effects

Symptoms	Carbon fibers and graphite dust could cause mechanical irritation in eyes, nasal passages, and skin. Repeated inhalation of nuisance dust in excess of exposure limits for a long period of time may result in lung injury. Potential symptoms: cough, shortness of breath, decrease in pulmonary function.
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Indication of Any Immediate Medical Attention and Special Treatment Needed

Notes to Physician	Treat the symptoms.
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5. Fire-Fighting Measures

Suitable Extinguishing Media

Dry chemical, carbon dioxide, foam or water spray

Unsuitable Extinguishing Media

None known

Specific Hazards Arising from the Chemical

None

Protective Equipment and Precautions for Firefighters

Recommend to wear self-contained breathing apparatus

6. Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures

Personal Precautions Refer to section 8, utilize exposure controls and proper personal protection

Environmental Precautions None

Methods and Material for Containment and Cleaning Up

Methods for Containment Nothing special required

Methods for Cleaning Up Nothing special required

7. Handling and Storage

Precautions for Safe Handling

Advice on Safe Handling Wash exposed skin after use, before eating, drinking, or smoking.

Conditions for Safe Storage, Including Incompatibilities

Storage Conditions Store in dry and well-ventilated area

Incompatible Materials Strong oxidizers, such as concentrated oxygen or liquid chlorine.

8. Exposure Controls / Personal Protection

Exposure Guidelines

This product is not classified as hazardous according to OSHA 1910.1200.

Engineering Controls

No special requirements beyond adequate ventilation, and water to flush eyes and wash skin if needed.

Individual Protection Measures, Such as Personal Protective Equipment:

Eye/Face Protection Safety glasses

Skin & Body Protection Gloves recommended

Respiratory Protection Not needed unless exposure limit is exceeded, then use approved dust respirator.

Hygiene Measures Wash hands after use.

9. Physical and Chemical Properties

Information on Basic Physical and Chemical Properties

Physical State	solid	Odor	none
		Odor Threshold	Not applicable
Color	black		

Property	Values
pH	Not applicable
Melting/Freezing Point	Not applicable
Boiling Point/Range	Not applicable
Flash Point	Not applicable

Evaporation Rate	Not applicable
Flammability (solid, gas)	Not determined
Upper Flammability Limits	Not applicable
Lower Flammability Limits	Not applicable
Vapor Pressure	Not applicable
Vapor Density	Not applicable
Relative Density	Not applicable
Specific Gravity	Not applicable
Solubility	Not applicable
Partition Coefficient	Not determined
Auto-ignition Temperature	Not determined
Decomposition Temperature	Not determined
Viscosity	Not determined

10. Stability and Reactivity

Reactivity

Refer to below

Chemical Stability

Stable

Possibility of Hazardous Reactions

No dangerous reactions known under normal use conditions

Conditions to Avoid

Temperatures above 500 °C (932°F)

Incompatible Materials

Strong oxidizers, such as concentrated oxygen or liquid chlorine.

Hazardous Decomposition Products

Carbon monoxide, carbon dioxide, sulfur dioxide, and other toxic fumes.

11: Toxicological Information

Information on Likely Routes of Exposure

Inhalation	Graphite dust and carbon fibers may cause mechanical irritation of nasal passages.
Ingestion	Based on available data on components, the classification criteria are not met.
Skin Contact	Graphite dust and carbon fibers may cause mechanical irritation of the skin.
Eye Contact	Graphite dust and carbon fibers may cause mechanical irritation of the eyes.

Delayed, Immediate, and Chronic Effects from Short- and Long-Term Exposure

Repeated inhalation of nuisance dust in excess of exposure limits for a long period of time may result in lung injury. Potential symptoms: cough, shortness of breath, decrease in pulmonary function.

Symptoms Associated with Exposure

See Section 4 of this SDS for symptoms.

Carcinogenicity

NTP None

IARC None

OSHA None

12. Ecological Information**Ecotoxicity**

Ecotoxicological data have not been determined for this specific product. The information is based on components and the ecotoxicology of similar substances.

Persistence/Degradability

Graphite/Carbon: inorganic substances, exist in nature.

Bioaccumulation

Not determined

Mobility

Solid. Insoluble in water.

Other Adverse Effects

Not determined

13. Disposal Considerations**Waste Disposal Methods**

Dispose of in accordance with federal, state, and local regulations.

14. Transport Information**Note**

See current shipping paper for most up-to-date shipping information, including exemptions and special circumstances.

DOT Not regulated

IATA Not regulated

OMDG Not regulated

15: Regulatory Information

International Inventories

Not determined.

U.S. Federal Regulations**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355).

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

U.S. State Regulations**California Proposition 65**

This product does not contain any Proposition 65 chemicals.

16: Other Information**Issue Date**

20-May-2021

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet