MISSION RUBBER COMPANY

SAFETY DATA SHEET

for Mission Rubber Neoprene Gaskets

SAFETY DATA SHEET

NEOPRENE GASKETS

Section 1: IDENTIFICATION

1.1 Product identifier
Product name: Neoprene
Product part number: DPESISGRP251
CAS number: Ingredients: 184963-09-1.
Synonyms: Neoprene.
Product description: Neoprene Synthetic Rubber Gasket is a black color rubber with a mild characteristic odor.
Product type: Solid

1.2 Relevant identified uses of the substance or mixture and uses advised against
Product use: For use only as specified in product literature

1.3 Details of the supplier of the safety data sheet
Mission Rubber Company, LLC
1660 Lesson Lane
Corona, CA 92879

1.4 Telephone number:
800-854-9991

Section 2: HAZARD IDENTIFICATION

2.1 Classification of Substance or Mixture

Potential Health Effects

Before using Neoprene Synthetic Rubbers, read Bulletin "Guide for Safety in Handling and FDA Status of Neoprene Solid Polymers".

ADDITIONAL HEALTH EFFECTS

POLYCHLOROPRENE BLEND

ACUTE OR IMMEDIATE EFFECTS: ROUTES OF ENTRY AND SYMPTOMS

Ingestion
One type of Neoprene was tested for oral toxicity in rats. The LD-50 is in excess of 20,000 milligrams per kilogram body weight which is low toxicity. Other types of Neoprene are predicted to have the same low toxicity. Ingestion is not a probable route of exposure.

Skin
Patch tests were run with four types of Neoprene on human volunteers. No skin reactions were shown. Results are predicted to be similar for the types of Neoprene in this MSDS.

Eye Irritation
Mechanical irritation only.

Inhalation
At processing temperatures above 200 C (392 F), fumes irritating to the eyes, nose, and throat may be produced. This exposure may result in reddening, tearing, and itching of the eyes and soreness in the nose and throat together with coughing.

Specific Target Organ Toxicity
CHRONIC EFFECT none are known.

Disposal: Preferred options for disposal are (1) recycling, (2) incineration with energy recovery, and (3) landfill. The high fuel value of this product makes option 2 very desirable for material that cannot be recycled. Disposal of contents and containers must be in accordance with applicable federal, state/provincial, and local regulations.

2.2 Other Hazards
Not applicable.

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	Common Name and Synonyms	CAS Number	Amount
PROPRIETARY BLEND			<49%
2-CHLORO-1,3-BUTADIENE POLYMERS & COPOLYMERS		184963-09-1	>51%

Section 4: FIRST AID MEASURES

4.1 Description of first aid measures

Eye contact: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Call a physician.

Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.

Skin contact: The compound is not likely to be hazardous by skin contact but cleansing the skin after use is advisable.
If molten material gets on skin, cool rapidly with cold water. Do not attempt to remove material from skin. Obtain medical treatment for thermal burn.

Ingestion: Not a probable route. However, in case of accidental ingestion, call a physician.

Protection of first-aiders: No action shall be taken involving any personal risk or without suitable training. If it is suspected that vapors are still present, the rescuer should wear an appropriate respirator or self-contained breathing apparatus.

Section 5: FIREFIGHTING MEASURES

5.1 Flammable Properties

Flash Point: >260 C (>500 F)

Method: Open cup

5.2 Extinguishing media
Water, Foam, Dry Chemical, CO2.

5.3 Special hazards arising from the substance or mixture

Hazardous combustion products: Complete combustion gives hydrogen chloride, carbon dioxide, sulfur dioxide and water. Incomplete combustion gives in addition carbon monoxide, organic acids, aldehydes, and alcohols.

5.4 Advice for firefighters

Special protective equipment for fire-fighters: Wear self-contained breathing apparatus. Wear full protective equipment.

Section 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

NOTE: Review FIRE FIGHTING MEASURES and HANDLING (PERSONNEL) sections before proceeding with clean-up.

For non-emergency personnel: Use appropriate PERSONAL PROTECTIVE EQUIPMENT during clean-up.

For emergency responders: Wear self-contained breathing apparatus. Wear full protective equipment.

6.2 Environmental precautions:

6.3 Methods and materials for containment and cleaning up

Small spill: Recover undamaged and minimally contaminated material for reuse and reclamation.

Large spill: Stop spill if without risk. Move containers from spill area. Approach the release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations. Use spark-proof tools and explosion-proof equipment. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product.

Section 7: HANDLING AND STORAGE

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

7.1 Conditions for safe storage, including any incompatibilities:

Store in a cool place. Keep container tightly closed.

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

8.1 Control Parameters
N/A

8.2 Exposure controls

Appropriate engineering controls:

Conveying or handling may cause static ignition hazard.
Static charges can cause explosions in solvent and dust laden atmospheres. Refer to National Fire Protection Association (NFPA) RP77 "Recommended Practice on Static Electricity" for guidance in reducing fire hazards associated with static electricity.

Individual protection measures

Hygiene measures:

Eye/face protection: Wear safety glasses.

Skin protection

Body protection: N/A.

Respiratory protection: N/A.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance

Physical state:	Solid.
Color:	Black.
Odor:	Mild characteristic.
Melting point/freezing point:	NA
Solubility (ies):	Negligible.
% Volatiles:	NA
Form:	Gasket
Specific Gravity:	NA

Section 10: STABILITY AND REACTIVITY

10.1 Reactivity: Not provided

10.2 Chemical stability:
Stable at normal temperatures and storage conditions.

10.3 Possibility of hazardous reactions:
Polymerization will not occur.

10.4 Conditions to avoid:
Temperatures above 200 C (392 F).

10.5 Incompatible materials:
None reasonably foreseeable.

10.6 Hazardous decomposition products
Hazardous gases or vapors can be released, including carbon monoxide, hydrogen chloride (HCl), organic acids, aldehydes, alcohols, if burned.

Section 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Genetic:
None.

Carcinogenicity
Conclusion/Summary: None of the components present in this material at concentrations equal to or greater than 0.1% are listed by IARC, NTP, OSHA or ACGIH as a carcinogen.

Information on the likely routes of exposure: Routes of entry anticipated: Skin contact.

Potential acute health effects
Skin contact: None.

Symptoms related to the physical, chemical and toxicological characteristics
None.

Long term exposure
None.

Potential chronic health effects
Not available.

Section 12: ECOLOGICAL INFORMATION

12.1 Aquatic Toxicity

No information is available. Toxicity is expected to be low based on insolubility in water.

Section 13: DISPOSAL CONSIDERATIONS

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

13.1 Waste treatment methods

Product
Preferred options Methods of disposal:
1 - Recycling
2 - Incineration with energy recovery
3 - Landfill

Packaging
Methods of disposal: The generation of waste should be avoided or minimized wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.

Special precautions: This material and its container must be disposed of in a safe way.

Disposal of contents and containers must be in accordance with applicable federal, state/provincial, and local regulations.

Section 14: EXPOSURE CONTROLS/PERSONAL PROTECTION

	DOT	AND/ADNR	MDG	IATA
14.1 UN proper shipping name	Not regulated	Not regulated	Not regulated	Not regulated

Shipping Information – Canada
This material is Not Regulated.

Section 15: REGULATORY INFORMATION

15.1 Components (Remarks)

Material is not known to contain Toxic Chemicals under Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR part 372.

15.2 Safety, health and environmental regulations/legislation specific for the substance or mixture
EU Regulations

TSCA Inventory Status:
In compliance with TSCA Inventory requirements for commercial purposes.

State Regulations (U.S.)

STATE RIGHT-TO-KNOW

No substances on the state hazardous substances list, for the states indicated below, are used in the manufacture of products on this Material Safety Data Sheet, with the exceptions indicated.

SUBSTANCES ON THE PENNSYLVANIA HAZARDOUS SUBSTANCES LIST PRESENT AT A CONCENTRATION OF 1 % OR MORE (0.01% FOR SPECIAL HAZARDOUS SUBSTANCES) - None known.

WARNING - SUBSTANCES KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER, BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM - None known.

SUBSTANCES ON THE NEW JERSEY WORKPLACE HAZARDOUS SUBSTANCE LIST PRESENT AT A CONCENTRATION OF 1% OR MORE (O.1% FOR SUBSTANCES IDENTIFIED AS CARCINOGENS, MUTAGENS OR TERATOGENS) - None known.

International regulations

Canadian Regulations
This is not a WHMIS Controlled Product.
CEPA Status: DSL: REPORTED/INCLUDED

Section 16: OTHER INFORMATION

Notice to reader

The data in this Material Safety Data Sheet relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process.

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

Responsibility for MSDS:	**Mission Rubber Company, LLC**
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Telephone:	**800-854-9991**

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