



SAFETY DATA SHEET

Revision Date 25-January-2016

Version 1

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier

Product Name Foremost 604-ES Silicone Gasket Maker

Product Code 604-ES

Recommended Use of the Chemical and Restrictions on Use

Recommended Use Gasket maker.

Details of the Supplier of the Safety Data Sheet

Supplier Address

Delta Foremost Chemical Corporation
3915 Air Park St.
Memphis, Tennessee 38118

Emergency Telephone Number

Company Phone Number (901) 363-4340
Emergency Telephone INFOTRAC 1-352-323-3500 (International)
1-800-535-5053 (North America)

2. HAZARDS IDENTIFICATION

Classification

Skin Corrosion/Irritation	Category 2
Aerosol	Category 3

Signal Word

WARNING

Hazard Statements

Causes skin irritation
Pressurized container: May burst if heated



Appearance Red Liquid

Physical State Liquid

Odor Solvent

Precautionary Statements - Prevention

Use personal protective equipment as required
Wash thoroughly after handling
Keep away from heat/sparks/open flames/hot surfaces. No smoking.
Do not pierce or burn, even after use.
If medical advice is needed, have product container or label at hand.
Keep out of reach of children.
Read label before use.

Precautionary Statements - Response

IF exposed or concerned: Get medical advice/attention
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
Get medical attention if irritation occurs
IF ON SKIN: Wash with plenty of soap and water
If skin irritation persists: Get medical advice/attention
Take off contaminated clothing and wash it before reuse
IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
Do NOT induce vomiting

Precautionary Statements - Storage

Protect from sunlight. Do not expose to temperatures exceeding 50°C.

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Hazards Not Otherwise Classified (HNOC)

None.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Methyl Siloxane Linear/Cyclic	70131-67-8	Proprietary
Silica, Amorphous	7631-86-9	Proprietary
Mineral Seal Oil	64742-46-7	Proprietary
Methyltriacetoxysilane	4253-34-3	Proprietary
Ethyltriacetoxysilane	17689-77-9	Proprietary

Product contains a proprietary mixture of ingredients.

4. FIRST AID MEASURES**First Aid Measures****General Advice**

If exposed or concerned: Get medical advice/attention. Provide this SDS to medical personnel for treatment.

Eye Contact

Remove source of exposure or move person to fresh air. Rinse eyes cautiously with lukewarm, gentle flowing water for several minutes while holding the eyelids open. Remove contact lenses, if present and easy to do. Continue rinsing for a duration of 15-20 minutes. Take care not to rinse contaminated water into the unaffected eye or onto the face. If eye irritation persists: Get medical advice/attention.

Skin Contact

Take off immediately all contaminated clothing, shoes, and leather goods (e.g. watchbands, belts, etc.). Gently blot or brush away excess product. Wash with plenty of lukewarm, gently flowing water for a duration of 15-20 minutes. Call a POISON CENTER/doctor if you feel unwell. Store contaminated clothing under water and wash before reuse or discard.

Inhalation

Remove source of exposure or move person to fresh air and keep comfortable for breathing. If exposed/feel unwell/concerned: Call a POISON CENTER/doctor.

Ingestion	Rinse mouth. DO NOT induce vomiting. Immediately call a POISON CENTER/doctor. If vomiting occurs naturally, lie on your side, in the recovery position. Never give anything by mouth to an unconscious or convulsing victim. Keep person warm and quiet.
Note to Physicians	Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Water, fog, dry chemical, or carbon dioxide. Carbon dioxide can displace oxygen. Use caution when applying carbon dioxide in confined spaces. Simultaneous use of foam and water on the same surface is to be avoided as water destroys the foam.

Unsuitable Extinguishing Media Water may be ineffective, but can be used to cool containers exposed to heat or flame.

Specific Hazards Arising from the Chemical

Contents under pressure. Keep away from ignition sources and open flames. Exposure of containers to extreme heat and flames can cause them to rupture often with violent force. Aerosol cans may rupture when heated. Heated cans may burst. In fire, will decompose to carbon dioxide/carbon monoxide.

Protective Equipment and Precautions for Firefighters

Wear protective pressure self-contained breathing apparatus (SCBA) and full turnout gear. Care should always be exercised in dust/mist areas. Isolate immediate hazard area and keep unauthorized personnel out. Stop spill/release if it can be done safely. Move undamaged containers from immediate hazard area if it can be done safely. Water spray may be useful in minimizing or dispersing vapors to protect personnel. Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

Personal Precautions	Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Use explosion proof equipment. Avoid breathing vapor. Avoid contact with skin, eyes, or clothing. Do not touch damaged containers or spilled materials unless wearing appropriate protective clothing. Positive pressure, full-face piece self-contained breathing apparatus (SCBA), or positive pressure supplied air respirator with escape SCBA (NIOSH approved) is recommended.
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Methods and Material for Containment and Cleaning Up

Methods for Containment	Immediately turn off or isolate any source of ignition. Keep unnecessary people away; isolate hazard area and deny entry. Do not touch or walk through spilled material. Clean up immediately. Use absorbent sweeping compound to soak up material and put into suitable container for proper disposal.
Methods for Cleaning Up	Stop spill/release if it can be done safely. Prevent spilled material from entering sewers, storm drains, or other unauthorized drainage systems and natural waterways by using sand, earth, or other appropriate barriers.

7. HANDLING AND STORAGE

Precautions for Safe Handling

Advice on Safe Handling

For industrial and institutional use only. For use by trained personnel only. Keep away from children. Wash hands after use. Do not get into eyes, on skin, or on clothing. Do not breathe vapors or mists. Use good personal hygiene practices. Eating, drinking, and smoking in work areas is prohibited. Remove contaminated clothing and protective equipment before entering eating areas. Eyewash stations and showers should be available in areas where this material is used and stored. Use only with adequate ventilation to control air contaminants to their exposure limits. The use of local ventilation is recommended to control emissions near the source.

Conditions for Safe Storage, Including any Incompatibilities**Storage Conditions**

Keep containers tightly closed and properly labeled. Store in cool, dry, well-ventilated areas away from heat, direct sunlight, and incompatibilities. Store in approved containers and protect against physical damage. Keep containers securely sealed when not in use. Indoor storage should meet OSHA standards and appropriate fire codes. Containers that have been opened must carefully be resealed to prevent leakage. Empty containers retain residue and may be dangerous. Do not cut, drill, grind, weld, or perform similar operations on or near containers. Do not pressurize container to empty them. Ground all structures, transfer containers and equipment to conform to the national electrical code. Use procedures that prevent static electrical sparks. Static electricity may accumulate and create a fire hazard. Store at temperatures below 120°F.

Incompatible Materials

None known.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Mineral Seal Oil 64742-46-7		TWA: 500 ppm TWA: 2,000 mg/m ³	
Silica, Amorphous 7631-86-9		TWA: 20 ppm TWA: 80 mg/m ³	TWA: 6 mg/m ³

Appropriate Engineering Controls**Engineering Controls**

Ventilation must be adequate to maintain the ambient workplace atmosphere below the exposure limit(s) outlined in the SDS.

Individual Protection Measures, such as Personal Protective Equipment**Eye/Face Protection**

Chemical goggles, safety glasses with side shields, or vented/splash proof goggles. Contact lenses may absorb irritants. Particles may adhere to lenses and cause corneal damage.

Skin and Body Protection

Wear gloves, long-sleeved shirt, long pants, and other protective clothing as required to minimize skin contact. Use of gloves approved to relevant standards made from the following materials may provide suitable chemical protection: PVC, neoprene or nitrile rubber gloves. Suitability and durability of a glove is dependent on usage, e.g. frequency and duration of contact, chemical resistance of glove material, glove thickness, and dexterity. Always seek advice from glove suppliers. Contaminated gloves should be replaced. Chemical-resistant clothing is recommended to avoid prolonged contact. Avoid unnecessary skin contact.

Respiratory Protection

If engineering controls do not maintain airborne concentrations to a level that is adequate to protect workers, a respiratory protection program that meets or is equivalent to OSHA 29 CFR 1910.134 and ANSI Z88.2 should be followed. Check with respiratory protective equipment suppliers. Where air-filtering respirators are suitable, select an appropriate combination of mask and filter. Select a filter suitable for combined particulate/organic gases and vapors. When spraying more than one half a can continuously or more than one can consecutively, use a NIOSH-approved respirator.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice. Wash hands after use and wash contaminated clothes before reuse.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

Physical State	Liquid / aerosol		
Appearance	Red Liquid	Odor	Solvent
Color	Red	Odor Threshold	Not determined
Property	Values	Remarks • Method	
pH	Not determined		
Melting Point/Freezing Point	Not determined		
Boiling Point/Boiling Range	Not determined		
Flash Point	Below 73°F		
Evaporation Rate	Slower than ether		
Flammability (Solid, Gas)	Not determined		
Upper Flammability Limits	Not applicable		
Lower Flammability Limit	Not determined		
Vapor Pressure	Not determined		
Vapor Density	Slower than ether		
Specific Gravity	1.041	(1=Water)	
Water Solubility	Insoluble in water		
Solubility in Other Solvents	Not determined		
Partition Coefficient	Not determined		
Autoignition Temperature	Not determined		
Decomposition Temperature	0		
Kinematic Viscosity	Not determined		
Dynamic Viscosity	Not determined		
Explosive Properties	Not determined		
Oxidizing Properties	Not determined		

10. STABILITY AND REACTIVITY

Reactivity

Not reactive under normal conditions.

Chemical Stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Hazardous Polymerization

Hazardous polymerization does not occur.

Conditions to Avoid

Avoid heat, sparks, open flames and other ignition sources.

Incompatible Materials

Acids, oxidizing agents.

Hazardous Decomposition Products

In fire, will decompose to carbon dioxide/carbon monoxide.

11. TOXICOLOGICAL INFORMATION

Information on Likely Routes of Exposure

Product Information

Eye Contact	Overexposure will cause redness and burning sensation.
Skin Contact	Causes skin irritation. Overexposure will cause defatting of skin.
Inhalation	Effects of overexposure include irritation of respiratory tract, headache, dizziness, nausea, and loss of coordination. Extreme overexposure may result in unconsciousness and possibly death.
Ingestion	Expected to be a low ingestion hazard.

Information on Physical, Chemical and Toxicological Effects

Symptoms	Please see section 4 of this SDS for symptoms.
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Delayed and Immediate Effects as well as Chronic Effects from Short and Long-term Exposure

Germ Cell Mutagenicity	No data available.
Carcinogenicity	No data available.
STOT - Single Exposure	No data available.
Chronic Toxicity	Prolonged inhalation may be harmful.
Aspiration Hazard	No data available.

Numerical Measures of Toxicity

Not determined

12. ECOLOGICAL INFORMATION**Ecotoxicity**

No data available.

Persistence and Degradability

No data available.

Bioaccumulation

No data available.

Mobility

No data available.

Other Adverse Effects

No data available

13. DISPOSAL CONSIDERATIONS**Waste Treatment Methods**

Disposal of Wastes	Disposal should be in accordance with applicable regional, national and local laws and regulations. Do not puncture, incinerate, or crush. Under RCRA, it is the responsibility of the user of the product to determine at the time of disposal whether the product meets RCRA criteria for hazardous waste.
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Contaminated Packaging

Empty containers retain product residue, which may exhibit hazards of material, therefore do not pressurize, cut, glaze, weld, or use for any other purposes. Return drums to reclamation centers for proper cleaning and reuse. Disposal should be in accordance with applicable regional, national and local laws and regulations. Do not puncture, incinerate, or crush.

14. TRANSPORT INFORMATION

Note

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

DOT

Consumer Commodity, ORM-D

IATA

Consumer Commodity, ORM-D

IMDG

Consumer Commodity, ORM-D

15. REGULATORY INFORMATION

International Inventories

Not Determined

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

US Federal Regulations

CAS	Chemical Name	Regulation List
70131-67-8	Methyl Siloxane Linear/Cyclic	SARA312, TSCA
7631-86-9	Silica, Amorphous	SARA312, TSCA, OSHA
64742-46-7	Mineral Seal Oil	SARA312, TSCA, OSHA
4253-34-3	Methyltriacetoxysilane	SARA312, TSCA
17689-77-9	Ethyltriacetoxysilane	SARA312, TSCA

16. OTHER INFORMATION**NFPA****Health Hazards****Flammability****Instability****Special Hazards**

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Not determined

HMIS**Health Hazards****Flammability****Physical Hazards****Personal Protection**

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Revision Date

25-January-2016

Revision Note

New format

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