SECTION 1 - IDENTIFICATION

GHS Product Identifier: GASK-IT™

Other Means of Identification: Not available

Relevant identified uses of the substance or mixture and uses advised against:

Uses: Silicone sealant.

Details of the supplier of the Safety Data Sheet:

Momar, Inc.
1830 Ellsworth Industrial Dr.
Atlanta, Ga. 30318
404-355-4580
800-556-3967
www.momar.com

Emergency Telephone Number (INFOTRAC): North America: 1-800-535-5053
International: 1-352-323-3500

SECTION 2 – HAZARD IDENTIFICATION

OSHA/HCS Status: This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Classification:

SKIN CORROSION/IRRITATION	2
SERIOUS EYE DAMAGE/EYE IRRITATION	2A
GASES UNDER PRESSURE	Compressed gas

Signal Word: Warning.

Hazard Statements:
Causes serious eye irritation.
Causes skin irritation.
Contains gas under pressure, may explode if heated

Pictograms:

Precautionary Statements:

General: Read label before use. Keep out of reach of children. If medical advice is needed, have product container or label at hand.

Prevention: Wear protective gloves. Wear eye or face protection. Wash hands thoroughly after handling.

Response: IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing. Wash contaminated clothing before reuse. If skin irritation occurs: Get medical attention.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If eye irritation persists: Get medical attention.

Storage: Protect from sunlight. Store in a well-ventilated.

Disposal: Not applicable.

Hazards not Otherwise Classified: None known.

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

Substance/Mixture: Mixture.
Other Means of Identification: Not available.

CAS Number/Other Identifiers
CAS Number: Not applicable.
Product Code: Not available.

Ingredient Name	%	CAS Number
Triacetoxyethylsilane	1-5	17689-77-9
Methylsilanetriyl triacetate	1-5	4253-34-3
1,1-Difluoroethane	1-5	75-37-6

Any concentration shown as a range is to protect confidentiality or is due to batch variation.
There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.
Occupational hazard limits, if available, are listed in Section 8.

SECTION 4 – FIRST AID MEASURES

Eye Contact: Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 20 minutes. Get medical attention.

Skin Contact: Flush contaminated skin with plenty of water. Continue to rinse for at least 20 minutes. Wash clothing before reuse. Clean shoes thoroughly before reuse.

Inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.

Ingestion: Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

Most Important Symptoms/Effects, Acute and Delayed:

Potential Acute Health Effects:

Eye Contact: Causes serious eye irritation.

Inhalation: Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.

Skin Contact: Causes skin irritation.

Ingestion: Irritating to mouth, throat, and stomach.

Over-Exposure Signs/Symptoms:

Eye Contact: Adverse symptoms may include the following: pain or irritation, watering, redness.

Inhalation: No known significant effects or critical hazards.

Skin Contact: Adverse symptoms may include the following: irritation, redness.

Ingestion: No known significant effects or critical hazards.

Indication of Immediate Medical Attention and Special Treatment Needed, if Necessary:

Notes to Physician: In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.

Specific Treatments: No specific treatment.

Protection of First-Aiders: No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

See toxicological information (Section 11).

SECTION 5 – FIREFIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media: Use an agent suitable for the surround fire.

Unsuitable Extinguishing Media: None known.

Specific Hazards Arising From the Substance or Product: No specific fire or explosion hazard.

Hazardous Thermal Decomposition Products: Carbon dioxide, carbon monoxide, halogenated compounds, carbonyl halides, metal oxide/oxides.

Special Protective Actions for Firefighters: No special precaution is required.

Special Protective Equipment for Firefighters: Firefighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures:

For Non-Emergency Personnel: No action shall be taken involving any personal risk or without suitable training. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

For Emergency Responders: If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non- emergency personnel."

Environmental Precautions: Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Methods and Materials for Containment and Cleaning Up:

Small Spill: Move containers from spill area. Place spilled material in a designated, labeled waste container. Dispose of via a licensed waste disposal contractor.

Large Spill: Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Do not dry sweep. Dispose of via a licensed waste disposal contractor. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

SECTION 7 – HANDLING AND STORAGE

Precautions for Safe Handling:

Protective Measures:	Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.
Advice on General Occupational Hygiene:	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. See also Section 8 for additional information on hygiene measures.

Conditions for Safe Storage, Including any Incompatibilities:

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent

leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

SECTION 8 – EXPOSURE CONTROL / PERSONAL PROTECTION

Control Parameters:

Occupational Exposure Limits:

United States:

None

Mexico:

Ingredient Name	Exposure Limits
Silica	NOM-010-STPS (Mexico, 9/2000). LMPE-PPT: 3 mg/m3 8 hours. Form: breathable particulates LMPE-PPT: 10 mg/m3 8 hours. Form: inhalable particulates

Appropriate Engineering Controls: No special ventilation requirements. Good general ventilation should be sufficient to control worker exposure to airborne contaminants. If this product contains ingredients with exposure limits, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure below any recommended or statutory limits.

Environmental Exposure Controls: Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation.

Individual Protection Measures:

Hygiene Measures: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Ensure that eyewash stations and safety showers are close to the workstation location.

Eye/Face Protection: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists or gases. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles.

Hand Protection: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material

	may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.
Body Protection:	Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
Other Skin Protection:	Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
Respiratory Protection:	Use a properly fitted, particulate filter respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance			
Physical State:	Solid [Paste].		
Color:	Opaque red.		
Odor:	Acetic acid odor.		
Odor Threshold:	Not available.		
pH:	Not available.		
Melting Point:	Not available.		
Boiling Point:	Not available.		
Flash Point:	Closed cup: >100°C (>212°F).		
Burning Time:	Not available.		
Burning Rate:	Not available.		
Evaporation Rate:	Not available.		
Flammability (solid, gas):	Not available.		
Flammability or Explosion Limits:	**Upper:** Not available.	**Lower:**	Not available.
Vapor Pressure:	Not available.		
Vapor Density:	Not available.		
Relative Density:	1.007		
Solubility:	Not available.		
Solubility in Water:	Not available.		
Partition Coefficient (n-octanol/water):	There is no data available.		
Auto-ignition Temperature:	Not available.		
Decomposition Temperature:	Not available.		
SADT	Not available.		
Viscosity:	Not determined.		

SECTION 10 – STABILITY AND REACTIVITY

Reactivity: No specific test data related to reactivity available for this product or its ingredients.

Chemical Stability: The product is stable.

Possible Hazardous Reactions: Under normal conditions of storage and use, hazardous reactions will not occur.

Conditions to Avoid: No specific data.

Incompatible Materials: Reactive or incompatible with the following materials: oxidizing materials.

Hazardous Decomposition Products: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11 – TOXICOLOGICAL INFORMATION

Information on Toxicological Effects:

Acute Toxicity

Product/Ingredient Name	Result	Species	Dose	Exposure
Methylsilanetriyl triacetate	LD50 Oral	Rat	2060 mg/kg	

Irritation/Corrosion

Product/Ingredient Name	Result	Species	Score	Exposure	Observation
Silica	Eyes - mild irritant	Rabbit		24 hours 25 mg	

Sensitization: There is no data available.

Mutagenicity: There is no data available.

Carcinogenicity: There is no data available.

Reproductive Toxicity: There is no data available.

Teratogenicity: There is no data available.

Specific Target Organ Toxicity (single and repeated exposure): There is no data available.

Aspiration Hazard: There is no data available.

Information on Likely Routes of Exposure: Dermal contact, eye contact, inhalation, ingestion.

Potential Acute Health Effects

Eye Contact: Causes serious eye irritation.

Inhalation: Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.

Skin Contact: Causes skin irritation.

Ingestion: Irritating to mouth, throat and stomach.

Symptoms Related to Physical, Chemical, and Toxicological Characteristics

Eye Contact:	Adverse symptoms may include the following: pain or irritation, watering, redness
Inhalation:	No known significant effects or critical hazards.
Skin Contact:	Adverse symptoms may include the following: irritation, redness
Ingestion:	No known significant effects or critical hazards.

Delayed and Immediate Effects and Also Chronic Effects from Short and Long Term Exposure:

Short Term Exposure

Potential Immediate Effects:	No known significant effects or critical hazards.
Potential Delayed Effects:	No known significant effects or critical hazards.

Long Term Exposure

Potential Immediate Effects:	No known significant effects or critical hazards.
Potential Delayed Effects:	No known significant effects or critical hazards.

Potential Chronic Health Effects

General:	No known significant effects or critical hazards.
Carcinogenicity:	No known significant effects or critical hazards.
Mutagenicity:	No known significant effects or critical hazards.
Teratogenicity:	No known significant effects or critical hazards.
Developmental Effects:	No known significant effects or critical hazards.
Fertility Effects:	No known significant effects or critical hazards.

Numerical Measures of Toxicity

Acute Toxicity Estimates:	There is no data available.

SECTION 12 – ECOLOGICAL INFORMATION

Toxicity:	There is no data available.
Persistence and Degradability:	There is no data available.
Bioaccumulative Potential:	There is no data available.
Mobility in Soil:	There is no data available.
Soil/Water Partition Coefficient (Koc)	
Other Adverse Effects:	No known significant effects or critical hazards.

SECTION 13 – DISPOSAL CONSIDERATIONS

Disposal Methods:

The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling empty containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

SECTION 14 – TRANSPORTATION INFORMATION

	DOT Classification	IMDG	IATA
UN Number:	ID8000	UN1950	UN1950
UN Proper Shipping Name:	Consumer Commodity	Aerosols,[non-flammable, (each not exceeding 1 L capacity)]	Aerosols,[non-flammable, (each not exceeding 1 L capacity)]
Transport Hazard Class:	ORM-D	2.2	2.2
Packing Group:	-	-	-
Environmental Hazards:	No.	No.	No.
Additional Information:	Limited Quantity Exemption	Limited Quantity Exemption	Limited Quantity Exemption

Special Precautions for User:

Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code:

Not available.

SECTION 15 – REGULATORY INFORMATION

US Federal Regulations:

TSCA 8(a) PAIR: Siloxanes and Silicones, di-Me, hydroxy-terminated.

TSCA 8(a) CDR Exempt/Partial Exemption: Not determined.

United States Inventory (TSCA 8b): All components are listed or exempted.

Clean Air Act (CAA) 112 Regulated Flammable Substances: 1,1-Difluoroethane

Clean Air Act Section 112(b) Hazardous Air Pollutants (HAPs): Not listed.
Clean Air Act Section 602 Class I Substances: Not listed.
Clean Air Act Section 602 Class II Substances: Not listed.
DEA List I Chemicals (Precursor Chemicals): Not listed.
DEA List II Chemicals (Essential Chemicals): Not listed.

SARA 302/304
Composition Information on Ingredients: No products were found.
SARA 304 RQ: Not applicable.

SARA 311/312
Classification: Immediate (acute) health hazard.

Composition/Information on Ingredients

Name	%	Fire Hazard	Sudden Release of Pressure	Reactive	Immediate (Acute) Health Hazard	Delayed (Chronic) Health Hazard
Triacetoxyethylsilane	1 - 5	No.	No.	No.	Yes.	No.
Methylsilanetriyl triacetate	1 - 5	No.	No.	No.	Yes.	No.

State Regulations:
Massachusetts: The following components are listed: Silica; 1,1 – Difluoroethane.
New York: None of the components are listed.
New Jersey: The following components are listed: 1,1 –Difluoroethane.
Pennsylvania: The following components are listed: Silica.
California Prop 65: No products were found.

International Regulations:
International Lists:
Australia Inventory (AICS): All components are listed or exempted.
China Inventory (IECSC): All components are listed or exempted.
Japan Inventory: Not determined.
Korea Inventory: All components are listed or exempted.
Malaysia Inventory (EHS Register): Not determined.
New Zealand Inventory of Chemicals (NZIoC): All components are listed or exempted.
Philippines Inventory (PICCS): All components are listed or exempted.
Taiwan Inventory (CSNN): Not determined.
Chemical Weapons Convention List Schedule I Chemicals: Not listed.
Chemical Weapons Convention List Schedule II Chemicals: Not listed.
Chemical Weapons Convention List Schedule III Chemicals: Not listed.

SECTION 16 – OTHER INFORMATION

Health	Flammability	Reactivity	Personal Protection
1	2	0	B

History

Date of Issue mm/dd/yyyy: 12/15/2014
Date of Original Issue: 03/24/1998
Version: 1.1
Revised Section(s): 1, 3, 14, 16
Key to Abbreviations:
ATE = Acute Toxicity Estimate
BCF = Bioconcentration Factor
GHS = Globally Harmonized System of Classification and Labelling of Chemicals IATA = International Air Transport Association
IBC = Intermediate Bulk Container
IMDG = International Maritime Dangerous Goods
LogPow = logarithm of the octanol/water partition coefficient
MARPOL 73/78 = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
UN = United Nations

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