



# MATERIAL SAFETY DATASHEET

## **MIGHTY GASKET BLACK**

### 1. IDENTIFICATION OF MATERIAL AND SUPPLIER

<b>Material/Trade Name</b>	<b>Mighty Gasket Black</b>
<b>Material Type</b>	Silicone Sealant
<b>Company</b>	Republic Chemical Industries, Inc.
<b>Address</b>	731 Aurora Boulevard, Quezon City, 1112 Philippines
<b>Telephone</b>	+63 2 721 5781 to 86
<b>Fax</b>	+63 2 727 5095
<b>Website</b>	<a href="http://www.repchem.com">www.repchem.com</a>

### 2. COMPOSITION/INFORMATION INGREDIENTS

Chemical Identity	CAS No.	% Weight	
Methyltriacetoxysilane	4253-34-3	2%	
Ethyltriacetoxysilane	17689-77-9	2%	
Silica	7631-86-9	10%	

### 3. HAZARDS IDENTIFICATION

<b>Primary Routes of Entry</b>	Ingestion, inhalation, skin contact
<b>Ingestion</b>	May cause stomach discomfort.
<b>Skin Contact</b>	Uncured product may irritate lips, gums, tongue, and skin
<b>Eye contact</b>	Can cause eye irritation.
<b>Symptoms of Exposure</b>	No applicable information found.
<b>Medical Conditions Aggravated By Exposure</b>	No applicable information found.

### 4. FIRST AID MEASURES

<b>Ingestion</b>	Obtain medical attention.
<b>Inhalation</b>	Remove to fresh air. Obtain medical attention.
<b>Skin Contact</b>	Remove from skin and wash thoroughly with soap and water or Waterless cleaner. Get medical attention if irritation develop or persists.
<b>Eye Contact</b>	Immediately flush with water for 15 minutes. Seek medical attention.

### 5. FIRE FIGHTING MEASURES



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<b>Flash Point</b>	184°C
<b>Extinguishing Media</b>	Water spray, foam, dry chemical or carbon dioxide
<b>Special Fire fighting Procedure</b>	Fire fighters should wear self-contained breathing apparatus.
<b>Unusual Fire/Explosion Hazards</b>	No applicable information found
<b>Hazardous thermal Decomposition Products</b>	Carbon dioxides and traces of incompletely burned carbon compounds. Formaldehyde, Silicone dioxide, metal oxides
<b>6. ACCIDENTAL RELEASE MEASURES</b>	
Wipe up or scrape up and contain for salvage or disposal. Clean areas as appropriate since spilled material, even in small quantity, may present a slip hazard. Dispose of saturated absorbent or cleaning materials appropriately, since spontaneous may occur.	
<b>7. HANDLING AND STORAGE</b>	
<b>Handling</b>	Use adequate ventilation. Product evolves acetic acid when exposed to water or humid air. Provide ventilation during use to control acetic acid or use respiratory protection. Avoid eye contact. Avoid skin contact.
<b>Storage</b>	Use reasonable care and store away from oxidizing material. Keep container closed and store away from water or moisture.
<b>8. EXPOSURE CONTROLS/PERSONAL PROTECTION</b>	
<b>Note</b> Acetic acid is formed upon contact with water or humid air. Provide adequate ventilation to control exposures within guidelines of OSHA PEL: TWA 10 ppm.	
<b>Eye Protection</b>	Safety goggles or glasses with side shields
<b>Skin Protection</b>	Chemically protective gloves are recommended.
<b>Respiratory Protection</b>	No respiratory protection should be needed with good local ventilation.
<b>Precautionary Measures</b>	Avoid eye contact. Avoid skin contact. Use reasonable care.
<b>9. PHYSICAL AND CHEMICAL PROPERTIES</b>	
<b>Form</b>	Thixotropic Paste
<b>Color</b>	Black
<b>Odor</b>	Acetic odor
<b>Solubility in Water</b>	Not determined
<b>Specific Gravity @ 25°C</b>	1.01-1.04
<b>Boiling Point</b>	Not determined
<b>Vapor Pressure @ 25°C</b>	Not determined
<b>Flash Point</b>	184°C
<b>10. STABILITY AND REACTIVITY</b>	



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<b>Stability</b>	Stable
<b>Hazard Polymerization</b>	Will not occur
<b>Conditions To Avoid</b>	No applicable information found
<b>Hazardous Decomposition Products(non-thermal)</b>	No applicable information found
<b>Materials to avoid</b>	Oxidizing material can cause a reaction. Water, moisture or Humid air can cause hazardous vapors to form.
<b>11. TOXICOLOGICAL INFORMATION</b>	
No known applicable information	
<b>12. ECOLOGICAL CONSIDERATION</b>	
No applicable information found.	
<b>13. DISPOSAL CONSIDERATIONS</b>	
Incinerate or dispose of in an approved landfill in accordance with local and EPA regulations.	
<b>14. TRANSPORT INFORMATION</b>	
Not subject to IATA regulations Not considered hazardous for the purpose of transportation.	
<b>15. REGULATORY INFORMATION</b>	
<b>TSCA Status</b>	All chemicals substances in this material are included on or exempted from listings on the TSCA Inventory of Chemical Substances.
<b>16. OTHER INFORMATION</b>	
None	