



MATERIAL SAFETY DATA SHEET

SECTION 1 - IDENTIFICATION

<b>Manufacturer:</b> Black Swan Manufacturing Co. 4540 W. Thomas Street Chicago, IL 60651-3318 Telephone: 1-800-252-5796 Fax: 1-773-227-3705 Web Site: <a href="http://www.blackswanmfg.com">www.blackswanmfg.com</a> E-mail: <a href="mailto:info@blackswanmfg.com">info@blackswanmfg.com</a>	<b>For any transportation or medical chemical emergencies call:</b>  <p style="text-align: center;"><b>INFOTRAC</b></p> <p style="text-align: center;">(800) 535-5053 <u>OR</u> (352) 323-3500</p> <p style="text-align: center;">24 hours per day - 7 days a week</p>
<b>Product Name:</b>  <p style="text-align: center;"><b>Flange &amp; Gasket</b></p>	<b>Recommended Use:</b>  <p style="text-align: center;">Wax gasket for setting closet bowls.</p>

SECTION 2 - HAZARD(S) IDENTIFICATION

<p style="text-align: center;"><b>NFPA</b></p> <div style="display: flex; justify-content: space-between;"> <div data-bbox="118 793 272 926"> <b>HEALTH HAZARD</b>            4 Deadly            3 Extreme Danger            2 Hazardous            1 Slightly Hazardous            0 Normal Material         </div> <div data-bbox="277 835 483 1024"> </div> <div data-bbox="488 783 816 936"> <b>FIRE HAZARD</b> Flash Points            4 Below 73°F (Boiling pt. below 100°F)            3 Below 73°F (Boiling pt. at/above 100°F) and/or at/above 73°F - not exceeding 100°F            2 Above 100°F, Not exceeding 200°F            1 Above 200°F            0 Will not burn         </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div data-bbox="118 972 293 1058"> <b>SPECIFIC HAZARD</b>            Oxidizer OX            Use NO WATER W            Simple Asphyxiant SA         </div> <div data-bbox="488 957 725 1083"> <b>INSTABILITY</b>            4 May detonate            3 Shock and heat may detonate            2 Violent chemical changes            1 Unstable if heated            0 Stable         </div> </div>	<p style="text-align: center;"><b>HMIS</b></p> <div style="display: flex; justify-content: space-between; align-items: center;"> <div data-bbox="984 842 1214 961"> <table border="1" style="width: 100%;"> <tr><td style="background-color: blue; color: white;">HEALTH</td><td style="text-align: center;">0</td></tr> <tr><td style="background-color: red; color: white;">FLAMMABILITY</td><td style="text-align: center;">1</td></tr> <tr><td style="background-color: yellow;">REACTIVITY</td><td style="text-align: center;">0</td></tr> </table> </div> <div data-bbox="1333 842 1500 961">           0 Minimal Hazard            1 Slight Hazard            2 Moderate Hazard            3 Serious Hazard            4 Severe Hazard         </div> </div> <div style="text-align: center; margin-top: 10px;"> <table border="1" style="border-collapse: collapse;"> <tr> <td style="padding: 2px;">PPE</td> <td style="padding: 2px;">A</td> </tr> </table> </div>	HEALTH	0	FLAMMABILITY	1	REACTIVITY	0	PPE	A									
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Flammability:	N/A																	
Other:	N/A																	
<p style="text-align: center;"><b>Hazardous Statement</b></p> <p style="text-align: center;">None.</p>	<p style="text-align: center;"><b>Precautionary Statement</b></p> <p style="text-align: center;">Keep out of reach of children. Do not allow to be taken internally.</p>																	

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

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

SECTION 4 - FIRST-AID MEASURES

<b>Inhalation:</b>	Remove to fresh air. If not breathing, give artificial respiration. Give oxygen if needed. Seek medical attention.
<b>Skin:</b>	Wash affected areas thoroughly with waterless cleaner and/or soap and water. If irritation persists, consult physician.
<b>Eyes:</b>	Flush eyes with large amounts of water for at least 15 minutes, holding eyelids open. Consult a physician if irritation persists.
<b>Ingestion:</b>	If swallowed, give two glasses of water to drink. Never give anything by mouth to an unconscious person. Do not induce vomiting. Consult a physician.

# MATERIAL SAFETY DATA SHEET

## SECTION 5 - FIRE-FIGHTING MEASURES

<p style="text-align: center;"><b><u>Extinguishing Media</u></b></p> <table style="width: 100%;"> <tr> <td style="width: 50%;"><u>Suitable</u></td> <td style="width: 50%;"><u>Unsuitable</u></td> </tr> <tr> <td>Dry Chemical, Carbon Dioxide, Foam, Water Fog</td> <td>Direct water stream</td> </tr> </table>	<u>Suitable</u>	<u>Unsuitable</u>	Dry Chemical, Carbon Dioxide, Foam, Water Fog	Direct water stream	<p style="text-align: center;"><b><u>Specific Hazards</u></b></p> <p style="text-align: center;">None.</p>	<p style="text-align: center;"><b><u>Protective Equipment</u></b></p> <p style="text-align: center;">Wear self-contained breathing apparatus.</p>
<u>Suitable</u>	<u>Unsuitable</u>					
Dry Chemical, Carbon Dioxide, Foam, Water Fog	Direct water stream					
<p style="text-align: center;"><b><u>Special Firefighting Procedures</u></b></p> <p style="text-align: center;">Water stream/spray may not be effective extinguishing agent. Use water fog to cool liquid wax after fire is extinguished.</p>						

## SECTION 6 - ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions:</b>	None.
<b>Protective Equipment:</b>	None.
<b>Emergency Procedures:</b>	None.
<b>Environmental Precautions:</b>	Keep material out of sewers and watercourses by diking or impounding.
<b>Methods for Cleaning-Up:</b>	Handle as a thermoplastic. With molten spills, allow the material to solidify and cool. Recover and place into appropriate containers for recycling or disposal, according to all federal, state and local requirements.
<b>Other Precautions:</b>	None.

## SECTION 7 - HANDLING AND STORAGE

<p style="text-align: center;"><b><u>Handling</u></b></p> <p>Keep out of reach of children and pets. Clean hands before eating or smoking.</p>	<p style="text-align: center;"><b><u>Storage</u></b></p> <p>Store away from flame, heat (110°F maximum to keep wax rings from melting or deforming in shape) and strong oxidizing agents. Do not stack cases more than five (5) cartons high on each pallet.</p>
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## SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

<p style="text-align: center;"><b><u>OSHA Exposure Limits</u></b></p> <p style="text-align: center;">This product is not classified as hazardous according to OSHA 1910.1200.</p>			
<p style="text-align: center;"><b><u>Personal Protective Equipment</u></b></p>			
<b>Respiratory Protection:</b>	None.		
<b>Ventilation:</b>	Normal room ventilation is suitable under normal conditions of use.		
<b>Other Protective Equipment:</b>	<u>Protective Gloves</u> Gloves.	<u>Eyes and Face Protection</u> Safety Glasses.	<u>Other Protective Equipment</u> None.
<b>Other Precautions:</b>	None.		
<p style="text-align: center;"><b><u>Engineering Controls</u></b></p> <p style="text-align: center;">None.</p>			

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## SECTION 9 - PHYSICAL & CHEMICAL PROPERTIES

<b>Appearance:</b>	Soft amber to brown	<b>Volatile by Volume:</b>	N/A
<b>Odor:</b>	Petroleum	<b>Vapor Pressure:</b>	NIL
<b>Odor Threshold:</b>	N/A	<b>Vapor Density:</b>	>1
<b>pH:</b>	N/A	<b>Relative Density:</b>	N/A
<b>Melting/Freezing Point:</b>	140-155°F / N/A	<b>Solubility:</b>	Negligible
<b>Congeeing Point:</b>	147°F	<b>Partition Coefficient: n-octanol/water:</b>	N/A
<b>Boiling Point:</b>	N/A	<b>Auto-ignition Temperature:</b>	N/A
<b>Boiling Range:</b>	N/A	<b>Specific Gravity (H2O=1):</b>	0.705
<b>Flash Point:</b>	>360°F	<b>Viscosity:</b>	780 S.U.S @ 210°F
<b>Evaporation Rate:</b>	N/A	<b>VOC:</b>	0 g/l
<b>Flammability:</b>	N/A		
<b>Flammability Limits:</b>	LEL: .9% ; UEL: 7.0%		

## SECTION 10 - STABILITY AND REACTIVITY

<b><u>Stability</u></b>	<b><u>Hazardous Polymerization</u></b>	<b><u>Conditions To Avoid</u></b>
Stable    Unstable	May Occur    Will Not Occur	Excess heat, direct flame.
<input checked="" type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input checked="" type="checkbox"/>	
<b><u>Incompatible Materials</u></b>		<b><u>Hazardous Decomposition Products</u></b>
Strong oxidizing agents.		Upon combustion, carbon dioxide, carbon monoxide, and other products such as aldehydes and ketones depending on conditions of oxidation.

## SECTION 11 - TOXICOLOGICAL INFORMATION

<b><u>Likely Routes of Exposure</u></b>	<b><u>Symptoms/Effects</u></b>
Inhalation <input type="checkbox"/>	<p>Not a likely route of entry under normal conditions of use. Exposure to fumes, vapors, fumes, or smoke from molten material handled in confined areas can produce irritation of respiratory tracts, and possible physical discomfort to sensitive individuals.</p> <p>Not a likely route of entry under normal conditions of use. Molten material can cause severe burns.</p> <p>Not a likely route of entry under normal conditions of use. Exposure to fumes, vapors or smoke from thermally degraded product can cause irritation to eyes.</p> <p>This material is essentially inert and not toxic. Regardless, this material should be handled with care and not be ingested or put in mouth.</p>
Skin Contact <input checked="" type="checkbox"/>	
Eye Contact <input type="checkbox"/>	
Ingestion <input type="checkbox"/>	
<b>Long-Term Effects:</b>	None known.
<b><u>Toxicity</u></b>	
This product is not classified as hazardous according to OSHA 1910.1200.	

## SECTION 12 - ECOLOGICAL INFORMATION

<b>Ecotoxicity:</b>	None.
<b>Persistence &amp; Degradability:</b>	None.
<b>Bioaccumulative Potential:</b>	None.
<b>Mobility in Soil:</b>	None.
<b>Other Adverse Effects:</b>	None.

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## SECTION 13 - DISPOSAL CONSIDERATIONS

Disposal should be made in accordance with federal, state and local regulations.

## SECTION 14 - TRANSPORTATION INFORMATION

D.O.T. (U.S.) : Not Regulated.

## SECTION 15 - REGULATORY INFORMATION

Conforms to Federal Specifications TT-P-1536A.

## SECTION 16 - OTHER INFORMATION

**Disclaimer:**

Information on this form is furnished solely for the purpose of compliance with the Occupational Safety and Health Act and shall not be used for any other purpose. Black Swan Manufacturing Co. urges the customers receiving this Material Safety Data Sheet to study it carefully to become aware of the hazards, if any, of the product involved. In the interest of safety, you should notify your employees, agents, and contractors of the information on the sheets.

**Revision Date:**

JULY 2010