



**RPD is an  
authorized distributor**

**Radiation Products Design, Inc  
5218 Barthel Industrial Drive  
Albertville, MN 55301  
www.rpdinc.com  
Phone: 800-497-2071 Fax 763-497-2295**

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## **RPD Product Information**

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### **Item Number Description**

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486-405	+ Super-Flex Bolus Material 0.5cm x approx 35cm Sq.
486-410	+ Super-Flex Bolus Material 1.0cm x approx 35cm Sq.
486-415	+ Super-Flex Bolus Material 1.5cm x approx 35cm Sq.
486-420	+ Super-Flex Bolus Material 2.0cm x approx. 35cm Sq.
486-425	+ Super-Flex Bolus Material 2.5cm x approx. 35cm Sq.
486-430	+ Super-Flex Bolus Material 3.0cm x approx 35cm sq.
486-440	+ Super-Flex Bolus Material 4.0cm x approx 35cm Sq.

# MATERIAL SAFETY DATA SHEET

Akton<sup>®</sup> Viscoelastic Polymer  
Skinless Bolus

Identity

**Action Products, Inc.**  
 Manufacturer  
 22 N. Mulberry Street  
 Address  
 Hagerstown, MD 21740 USA  
 301-797-1414  
 Phone Number (For Information)  
 800-228-7763  
 Emergency Phone Number

A002  
 MSDS Number  
 N/A  
 CAS Number  
 December 1994  
 Date Prepared  
 D. Michelle Laing  
 Prepared By

## SECTION 1 - MATERIAL IDENTIFICATION AND INFORMATION

COMPONENTS -- Chemical Name & Common Names (Hazardous Components 1% or greater; Carcinogens 0.1% or greater)	% *	OSHA	ACGIH	OTHER LIMITS
None				
Non-Hazardous Ingredients				
Proprietary	100			
<b>TOTAL</b>	<b>100</b>			

## SECTION 2 - PHYSICAL / CHEMICAL CHARACTERISTICS

Boiling Point	N/A	Specific Gravity (H <sub>2</sub> O = 1)	N/A
Vapor Pressure (mm Hg and Temperature)	N/A	Melting Point	300°F
Vapor Density (Air = 1)	N/A	Evaporation Rate (_____ - 1)	N/A
Solubility in Water	N/A	Water Reactive	N/A

Appearance and Odor: Oily texture; Slight musty odor

## SECTION 3 - FIRE AND EXPLOSION HAZARD DATA

Flash Point and Method Used	N/A	Auto-Ignition Temperature	N/A	Flammability Limits in Air % by Volume	N/A	LEL	UEL
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Extinguisher Media: Dry chemical, carbon dioxide, chemical foam or H<sub>2</sub>O  
 Special Fire Fighting Procedures: Emergency equipment with self contained breathing apparatus should be worn.

Unusual Fire and Explosion Hazards: Akton<sup>®</sup> viscoelastic polymer rated as self-extinguishing by ASTM # D1692-68.

### SECTION 4 - REACTIVITY HAZARD DATA

<b>STABILITY</b> <input checked="" type="checkbox"/> Stable <input type="checkbox"/> Unstable	Conditions To Avoid <b>NONE</b>
<b>Incompatibility</b> (Materials to Avoid) <b>Hazardous</b>	<b>NONE</b>
Decomposition Products <b>Only in case of fire; highly toxic gases may be generated by thermal decomposition and combustion</b>	
<b>HAZARDOUS POLYMERIZATION</b> <input type="checkbox"/> May Occur <input checked="" type="checkbox"/> Will Not Occur	Conditions To Avoid <b>NONE</b>

### SECTION 5 - HEALTH HAZARD DATA

<b>PRIMARY ROUTES OF HEALTH</b>	<input type="checkbox"/> Inhalation <input type="checkbox"/> Skin Absorption	<input type="checkbox"/> Ingestion <input checked="" type="checkbox"/> Not Hazardous	<b>CARCINOGEN LISTED IN</b>	<input type="checkbox"/> NTP <input type="checkbox"/> IARC Monograph	<input type="checkbox"/> OSHA <input type="checkbox"/> Not Listed
Acute	<b>NONE</b>				
Chronic	<b>NONE</b>				
Signs and Symptoms of Exposure	<b>Products have been in use for over 25 years in the form of wheelchair &amp; bed pads w/no deleterious effects to humans reported</b>				
Medical Conditions Generally Aggravated by Exposure	<b>NONE</b>				
<b>EMERGENCY FIRST AID PROCEDURES</b> <b>Seek medical assistance for further treatment, observation and support if</b>					

Eye Contact **None under normal use**

Skin Contact **None under normal use**

Inhalation **None under normal use**

Ingestion **None under normal use**

### SECTION 6 - CONTROL AND PROTECTIVE MEASURES

<b>Respiratory Protection</b> Specify Type)	<b>None required</b>	<b>Eye Protection</b>	<b>None required</b>	
<b>Protective Gloves</b>	<b>None required</b>	<input type="checkbox"/> Local Exhaust	<input type="checkbox"/> Mechanical (general)	<input type="checkbox"/> Special
<b>VENTILATION TO BE USED</b>	<input checked="" type="checkbox"/> Other (specify) <b>N/A</b>			
<b>Other Protective Clothing and Equipment</b> Hygienic Work Practices	<b>Wash hands prior to eating or smoking</b>			

### SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE / LEAK PROCEDURES

Steps to be Taken if Material Spilled Or Released **Will not spill or leak.**

Waste Disposal Methods **Landfill in accordance w/all federal, state & local requirements.**

Precautions to be Taken Handling and Storage **In the event the material loses its oily texture white mineral oil may be applied to surface. Store at ambient room temperature.**

Other Precautions and/or Special Hazards **Products are sensitive to ultraviolet light. Protect from direct sunlight**