

Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. This Standard must be consulted for specific requirements.

U.S. Department of Labor

Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072

IDENTITY Akton® Polymer w/film	Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.
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Section I

Manufacturer's Name Action Products, Inc.	Emergency Telephone Number 301-797-1414
Address 954 Sweeney Drive	Telephone Number for Information 301-797-1414
Hagerstown, MD 21740	Date Prepared September 1997
	Preparer D. Michelle Laing

Section II - Hazard Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
NONE Non-hazardous ingredients are proprietary.				

Section III - Physical/Chemical Characteristics

Boiling Point	N/A	Specific Gravity (H ₂ O = 1)	N/A
Vapor Pressure (mm Hg.)	N/A	Melting Point	300°F
Vapor Density (AIR = 1)	N/A	Evaporation Rate (Butyl Acetate = 1)	N/A
Solubility in Water	N/A		
Appearance and Odor	Viscoelastic polymer; slight musty odor		

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used)	N/A	Flammable Limits	LEL	UEL
		N/A		
Extinguishing Media	Dry chemical, carbon dioxide, chemical foam or H2O			
Special Fire Fighting Procedures	Emergency equipment w/self-contained breathing apparatus should be worn.			
Unusual Fire and Explosion Hazards	The combination of Akton® viscoelastic polymer and the containing elastic film is rated as self-extinguishing by ASTM# D1692-68			

Section V - Reactivity Data

Stability	Unstable		Conditions to Avoid	NONE
	Stable	X		
Incompatibility (<i>Materials to Avoid</i>)	NONE			
Hazardous Decomposition or Byproducts	Only in case of fire; highly toxic gases may be generated by thermal decomposition and combustion.			
Hazardous Polymerization	May Occur		Conditions to Avoid	NONE
	Will Not Occur	X		

Section VI - Health Hazard Data

Route(s) of Entry:	Inhalation?	NO	Skin?	NO	Ingestion?	NO	
Health Hazards (<i>Acute and Chronic</i>)	Products have been in use for over 25 years in the form of wheelchair cushions, bed pads and operating room pads with no deleterious effects to humans reported.						
Carcinogenicity:	NO	NTP?	NO	IARC Monographs?	NO	OSHA Regulated?	NO
Signs and Symptoms of Exposure	NONE						
Medical Conditions	Products comprised of Akton® viscoelastic polymer contained in elastic film are hypo-allergenic according to the Schwartz Patch Test.						
Generally Aggravated by Exposure	None under normal use						
Emergency and First Aid Procedures	Seek medical assistance if necessary.						

Section VII - Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled	If elastic skin of material becomes torn or punctured, polymer will not leak or flow. Repair is possible – repair kit w/instructions is available from the manufacturer.
Waste Disposal Method	Landfill in accordance with all federal, state and local requirements
Precautions to Be taken in Handling and Storing	Products are not adversely affected by temperature in the range of -40 to 212°F. However, it is best to store at ambient room temperature.

Other Precautions Products are sensitive to ultraviolet light. Protect from direct sunlight.

Section VIII - Control Measures

Respiratory Protection (<i>Specify Type</i>)	None required		
Ventilation	Local Exhaust	Special	
	Mechanical (<i>General</i>)	Other	N/A
Protective Gloves	None required	Eye Protection	None required
Other Protective Clothing or Equipment	None required		
Work/Hygienic Practices	Wash hands prior to eating or smoking.		

Section IX - Special Precautions

Precautions to be taken in Handling and Storing	See Section VII
Other Precautions	NONE

Each MSDS must be reviewed for correctness and completeness every three years.

Reviewed by D. Michelle Laing

Revision date August 2007