

Vinyl Gloves, all types

Material Safety Data Sheet

CAS#: Not Established
 IAT/IACO hazard rating: Not Restricted
 D.O.T. Rating: Not Restricted

Physical Data:	%
Polyvinyl chloride	49.70
Diethyl Phthalate	45.34
2,2,4, trimethyl, 1,3, pentanediol diisobutylate(txib)	2.00
Calcium, zinc stabilizer	00.50
Epoxised soy bean oil	2.00
Silica Dioxide	0.30
TNPP	<u>0.16</u>
Total	100

FDA Status

All "Examination" and "Sterile" gloves, (medical use) are covered by a 510 k number, specific to the type of glove and the manufacturer who produces the glove. 510k numbers may be verified through the FDA DSMA Division, Rockville, MD. 301-443-6597

Fire & Explosion

Stability: Stable Flash Point: NA Extinguishing Media: Foam, CO2, H2O
 Incompatible Materials: None
 Conditions to avoid:
 Store powder free, chlorinated gloves, in well ventilated areas to reduce risk of spontaneous combustion.

Normal Precautions

Storage:
 Store in areas allowing plenty of air circulation. Keep away from direct sunlight. Store at room temperature, not below 50 degrees f or above 90 degrees f. Avoid high heat.
 Equipment: None Spills/Clean Up: NA

 Caution: Components used in the manufacture of gloves may cause adverse allergic reactions in some users or patients. Immediately discontinue use if allergic reaction is suspected. This product is not intended to be used as a general chemical barrier.

MATERIAL SAFETY DATA SHEET

Aplicare Alcohol Swabsticks					Section V -- Reactivity Data					
IDENTITY (As Used on Label and List)					Stability	Unstable		Conditions to Avoid		
						Stable	X	None known.		
Section I										
Manufacture's Name		Emergency Telephone Number			Incompatibility (Materials to Avoid)					
Aplicare, Inc.		Chemtrek (800) 424-9300			Concentrated nitric and sulfuric acids, strong oxidizers, aldehydes and halogen compounds.					
Address (Number, Street, City, and ZIP Code)		Telephone Number for Information			Hazardous Decomposition of Byproducts					
50 East Industrial Road		(203) 481-0500			N/A					
Branford, CT 06405		Date Prepared			Hazardous Polymer-	May Occur		Conditions to Avoid		
		July 1, 2003			ization	Will Not Occur	X	None known.		
		Signature of Preparer (optional)								
Section II -- Hazardous Ingredients/Identity Information					Section VI -- Health Hazard Data					
Hazardous Components (Specific Chemical Identity; Common Names(s))		OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)	Route(s) of Entry: Eyes?		Inhalation?	Skin?	Ingestion?
Isopropyl Alcohol (CAS #67-63-0)		400 ppm			70	X		N/A	x	Unlikely
Health Hazards (Acute/Chronic)										
Slightly toxic if ingested; mildly irritating to eyes, nose and throat.										
Carcinogenicity: NTP? IARC Monographs? OSHA Regulated?										
No No No										
Signs and Symptoms of Exposure										
If large amount is ingested, stomach cramps, pain nausea, vomiting, drowsiness and diarrhea may occur. Headache may result from inhalation of an excessive amount.										
Medical Conditions										
Generally Aggravated by Exposure: Unknown										
Emergency and First Aid Procedures										
Eyes: Flush with plenty of water and see a doctor.										
Ingestion: Give a two glasses of water and induce vomiting. Inhaled: Remove to fresh air.										
Section III -- Physical/Chemical Characteristics					Section VII -- Precautions for Safe Handling and Use					
Boiling Point		176°F	Specific Gravity (Water = 1)		0.878	Steps to Be taken in Case Materials is Released or Spilled				
Vapor Pressure (mm Hg.)		Approx. 90	Melting Point		N/A	It is unlikely that this product, when spilled, will cause a problem; packaged as individual packets containing 2 - 8 mL of solution.				
Vapor Density (AIR = 1)		2.1	Evaporation Rate (Butyl Acetate = 1)		Unknown	Waste Disposal Method				
Solubility in Water		Soluble.			Any solution that is spilled may be wiped up with towelling and disposed of with garbage.					
Appearance and Odor		A clear, colorless liquid with a pungent, alcohol odor.								
Section IV -- Fire and Explosion Hazard Data										
Flash Point (Method Used)		Flammable Limits		LEL	UEL	Precautions to Be taken in Handling and Storing				
53 F (Closed cup)				2	12	Avoid storing in excessive heat (Greater than 104°F).				
Extinguishing Media		Dry chemical or alcohol-type foam			Other Precautions					
Special Fire Fighting Procedures		Use water to cool fire-exposed area. Water spray may be ineffective in fighting fires.			None.					
Unusual Fire and Explosion Hazards		Respiratory protection required for fire fighting personnel. Stay upwind if possible.			SECTION VIII -- CONTROL MEASURES					
		Vapors may form, travel and ignite.			Respiratory Protection (Specify Type)					
					No personal protective equipment needed.					
					Ventilation		Local Exhaust	X	Special	N/A
							Mechanical (General)	N/A	Other	N/A
					Protective Gloves		If desired	Eye Protection:	If desired.	
					Other Protective Clothing or Equipment		None required			
					Work/Hygienic Practices		Normal			

MATERIAL SAFETY DATA SHEET

Apicare Povidone Iodine Swabsticks					Section V -- Reactivity Data					
IDENTITY (As Used on Label and List)					Stability	Unstable		Conditions to Avoid		
						Stable	X	None known.		
Section I										
Manufacture's Name Apicare, Inc.		Emergency Telephone Number Chemtrek (800) 424-9300			Incompatibility (Materials to Avoid) The elemental iodine is corrosive to some metals (i.e. iron), but is not corrosive to stainless steel.					
Address (Number, Street, City, and ZIP Code) 550 Research Parkway		Telephone Number for Information 203-630-0500			Hazardous Decomposition of Byproducts N/A					
Meriden, CT 06450		Date Prepared November 6, 2006			Hazardous Polymer-ization		May Occur		Conditions to Avoid	
		Signature of Preparer (optional)					Will Not Occur	X	None known.	
Section II -- Hazardous Ingredients/Identity Information					Section VI -- Health Hazard Data					
Hazardous Components (Specific Chemical Identity; Common Names(s))		OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)	Route(s) of Entry: Eyes?		Inhalation?	Skin?	Ingestion?
Iodine (CAS #7553-56-2)		0.1 ppm			1	X		N/A	x	Unlikely
						Carcinogenicity: NTP? IARC Monographs? OSHA Regulated?				
						N/A N/A N/A				
						Signs and Symptoms of Exposure				
						May cause irritation of eyes but should not cause irritation of respiratory tract or skin.				
						May be harmful if swallowed.				
						Medical Conditions				
						Generally Aggravated by Exposure: Unknown				
						Emergency and First Aid Procedures				
						Eyes: Flush with water for 15 minutes and seek physician if irritation persists.				
						Ingestion: Give a suspension of starch or flour in water, induce emesis and call a physician.				
Section III -- Physical/Chemical Characteristics					Section VII -- Precautions for Safe Handling and Use					
Boiling Point		212°F	Specific Gravity (Water = 1)		1.04	Steps to Be taken in Case Materials is Released or Spilled				
Vapor Pressure (mm Hg.)		Unknown	Melting Point		N/A	It is unlikely that this product, when spilled, will cause a problem; packaged as individual packets containing 2 - 8 mL of solution.				
Vapor Density (AIR = 1)		Unknown	Evaporation Rate (Butyl Acetate = 1)		Unknown					
Solubility in Water						Waste Disposal Method				
Soluble.						Any solution that is spilled may be wiped up with towelling and disposed of with garbage.				
Appearance and Odor										
A dark brown liquid solution with a faint characteristic odor.										
Section IV -- Fire and Explosion Hazard Data										
Flash Point (Method Used)		Flammable Limits		LEL	UEL	Precautions to Be taken in Handling and Storing				
Unknown		Non-flammable		N/A	N/A	Avoid storing in excessive heat (Greater than 104°F).				
Extinguishing Media										
Water, carbon dioxide, powder.										
Special Fire Fighting Procedures						Other Precautions				
None specified.						None.				
Unusual Fire and Explosion Hazards										
Harsh iodine fumes are emitted when product is heated to greater than 176°F (80°C)										
SECTION VIII -- CONTROL MEASURES										
Respiratory Protection (Specify Type)					No personal protective equipment needed.					
Ventilation		Local Exhaust			X	Special		N/A		
		Mechanical (General)			N/A	Other		N/A		
Protective Gloves					If desired		Eye Protection:		If desired.	
Other Protective Clothing or Equipment					None required					
Work/Hygienic Practices					Normal					

MATERIAL SAFETY DATA SHEET

Apicare Compound Benzoin Tincture Swabsticks					Section V -- Reactivity Data					
IDENTITY (As Used on Label and List)					Stability	Unstable		Conditions to Avoid None known.		
						Stable	X			
Section I										
Manufacture's Name Apicare, Inc.		Emergency Telephone Number Chemtrek (800) 424-9300			Incompatibility (Materials to Avoid) None known.					
Address (Number, Street, City, and ZIP Code) 550 Research Parkway		Telephone Number for Information 203-630-0500			Hazardous Decomposition of Byproducts N/A					
Meriden, CT 06450		Date Prepared July 28, 2006			Hazardous Polymer-ization	May Occur		Conditions to Avoid None known.		
		Signature of Preparer (optional)				Will Not Occur	X			
Section II -- Hazardous Ingredients/Identity Information					Section VI -- Health Hazard Data					
Hazardous Components (Specific Chemical Identity; Common Names(s))		OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)	Route(s) of Entry: Eyes?		Inhalation?	Skin?	Ingestion?
Ethyl Alcohol (CAS #64-17-5)		1000 ppm			74-80	X		X	X	Unlikely
					Health Hazards (Acute/Chronic) Toxic if acute overexposure by ingestion. Could be irritating to broken skin or eyes.					
					Carcinogenicity: NTP? IARC Monographs? OSHA Regulated?					
					Unknown					
					Signs and Symptoms of Exposure If swallowed, nausea, vomiting, headache, dizziness, coma or death may occur. Prolonged skin contact may cause redness.					
					Medical Conditions Generally Aggravated by Exposure: Unknown					
					Emergency and First Aid Procedures If swallowed, give two glasses of water and induce vomiting. For eye irritation, flush with plenty of water and see a doctor.					
Section III -- Physical/Chemical Characteristics					Section VII -- Precautions for Safe Handling and Use					
Boiling Point	74°F	Specific Gravity (Water = 1)		0.94	Steps to Be taken in Case Materials is Released or Spilled It is unlikely that this product, when spilled, will cause a problem; packaged as individual packets containing 2 - 4 mL of solution.					
Vapor Pressure (mm Hg.)	Unknown	Melting Point		N/A						
Vapor Density (AIR = 1)	Unknown	Evaporation Rate (Butyl Acetate = 1)		Unknown						
Solubility in Water Insoluble (soluble in ethanol and isopropanol)					Waste Disposal Method Any solution that is spilled may be wiped up with towelling and disposed of with garbage.					
Appearance and Odor Greenish-brown color with an alcoholic odor.										
Section IV -- Fire and Explosion Hazard Data										
Flash Point (Method Used) 72°F (Open cup)		Flammable Limits (Ethanol)		LEL 3.3 UEL 19	Precautions to Be taken in Handling and Storing Avoid storing in excessive heat (Greater than 104°F).					
Extinguishing Media Water fog, carbon dioxide, dry chemical, alcohol-type foam or universal-type.										
Special Fire Fighting Procedures Use supplied breathing air and protective clothing. Use water spray to cool exposed area.					Other Precautions None.					
Unusual Fire and Explosion Hazards Keep fumes away from heat, spark and open flame.										
					SECTION VIII -- CONTROL MEASURES					
					Respiratory Protection (Specify Type)		None specified.			
					Ventilation	Local Exhaust	X	Special	N/A	
						Mechanical (General)	N/A	Other	N/A	
					Protective Gloves		If desired	Eye Protection:	If desired.	
					Other Protective Clothing or Equipment		None required			
					Work/Hygienic Practices		Normal			

MATERIAL SAFETY DATA SHEET

Apicare Povidone-Iodine Ointment		Section V -- Reactivity Data			
IDENTITY (As Used on Label and List)		Stability	Unstable		Conditions to Avoid None known.
			Stable	X	
Section I					
Manufacture's Name Apicare, Inc.		Emergency Telephone Number Chemtrek (800) 424-9300		Incompatibility (Materials to Avoid) The elemental iodine is corrosive to some metals (i.e. iron), but is not corrosive to stainless steel.	
Address (Number, Street, City, and ZIP Code) 550 Research Parkway		Telephone Number for Information 203-630-0500		Hazardous Decomposition of Byproducts N/A	
Meriden, CT 06450		Date Prepared November 8, 2006		Hazardous Polymer-ization May Occur	
Signature of Preparer (optional)				Conditions to Avoid None known.	
Signature of Preparer (optional)				Will Not Occur	
		X			
Section II -- Hazardous Ingredients/Identity Information					
Hazardous Components (Specific Chemical Identity; Common Names(s))		OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Iodine (CAS #7553-56-2)		0.1 ppm			1
Section VI -- Health Hazard Data					
Route(s) of Entry:		Eyes?	Inhalation?	Skin?	Ingestion?
		X	N/A	X	Unlikely
Health Hazards (Acute/Chronic) May cause irritation to eyes.					
Carcinogenicity:					
		NTP?	IARC Monographs?	OSHA Regulated?	
		N/A	N/A	N/A	
Signs and Symptoms of Exposure May cause irritation of eyes but should not cause irritation of respiratory tract or skin. May be harmful if swallowed.					
Medical Conditions Generally Aggravated by Exposure: Unknown					
Emergency and First Aid Procedures Eyes: Flush with water for 15 minutes and seek physician if irritation persists. Ingestion: Give a suspension of starch or flour in water, induce emesis and call a physician.					
Section III -- Physical/Chemical Characteristics					
Boiling Point		Unknown	Specific Gravity (Water = 1)	2.4	
Vapor Pressure (mm Hg.)		Unknown	Melting Point	Unknown	
Vapor Density (AIR = 1)		Unknown	Evaporation Rate (Butyl Acetate = 1)	Less than 1	
Solubility in Water Soluble.					
Appearance and Odor A dark brown ointment with a faint iodine odor.					
Section IV -- Fire and Explosion Hazard Data					
Flash Point (Method Used) Unknown		Flammable Limits Non-flammable	LEL N/A	UEL N/A	Precautions to Be taken in Handling and Storing Avoid storing in excessive heat (Greater than 104°F).
Extinguishing Media Water, carbon dioxide, powder					
Special Fire Fighting Procedures None specified					
Unusual Fire and Explosion Hazards None					
SECTION VIII -- CONTROL MEASURES					
Respiratory Protection (Specify Type)		No personal protective equipment needed.			
Ventilation		Local Exhaust	X	Special	N/A
		Mechanical (General)	N/A	Other	N/A
Protective Gloves		If desired	Eye Protection:	If desired.	
Other Protective Clothing or Equipment		None required			
Work/Hygienic Practices		Normal			



Material Safety Data Sheet

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This material safety data sheet (MSDS) is provided as a courtesy in response to a customer request. This product is not regulated under, and a MSDS is not required for this product by the OSHA Hazard Communication Standard (29 CFR 1910.1200) because, when used as recommended or under ordinary conditions, it should not present a health and safety hazard. However, use or processing of the product not in accordance with the product's recommendations or not under ordinary conditions may affect the performance of the product and may present potential health and safety hazards.

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: 3M(TM) Transpore(TM) Surgical Tape Cat. # 1527 series, 1527S-1, 1527S-2
MANUFACTURER: 3M
DIVISION: Medical Division

ADDRESS: 3M Center
St. Paul, MN 55144-1000

EMERGENCY PHONE: 1-800-364-3577 or (651) 737-6501 (24 hours)

Issue Date: 04/07/2006
Supersedes Date: 06/17/1999

Document Group: 10-5847-8

Product Use:

Specific Use: Used to secure tubing, devices and dressings.

SECTION 2: INGREDIENTS

<u>Ingredient</u>	<u>C.A.S. No.</u>	<u>% by Wt</u>
Backing	24937-78-8	70 - 80
Acrylate adhesive	9017-68-9	10 - 20
Tackifier	Unknown	1 - 5

SECTION 3: HAZARDS IDENTIFICATION

3.1 EMERGENCY OVERVIEW

Odor, Color, Grade: Semi-transparent clear to white polyethylene tape, slight acrylic odor.

General Physical Form: Solid

Immediate health, physical, and environmental hazards:

This product, when used under reasonable conditions and in accordance with the 3M directions for use, should not present a health hazard. However, use or processing of the product in a manner not in accordance with the product's directions for use may affect the performance of the product and may present potential

health and safety hazards.

3.2 POTENTIAL HEALTH EFFECTS

Eye Contact:

No health effects are expected.

Skin Contact:

No health effects are expected.

Inhalation:

No health effects are expected.

Ingestion:

Physical Blockage: Signs/symptoms may include cramping, abdominal pain, and constipation.

SECTION 4: FIRST AID MEASURES

4.1 FIRST AID PROCEDURES

The following first aid recommendations are based on an assumption that appropriate personal and industrial hygiene practices are followed.

Eye Contact: No need for first aid is anticipated.

Skin Contact: No need for first aid is anticipated.

Inhalation: No need for first aid is anticipated.

If Swallowed: Do not induce vomiting unless instructed to do so by medical personnel. Give victim two glasses of water. Never give anything by mouth to an unconscious person. Get medical attention.

SECTION 5: FIRE FIGHTING MEASURES

5.1 FLAMMABLE PROPERTIES

Autoignition temperature
Flash Point
Flammable Limits - LEL
Flammable Limits - UEL

No Data Available
Not Applicable
Not Applicable
Not Applicable

5.2 EXTINGUISHING MEDIA

Ordinary combustible material. Use fire extinguishers with class A extinguishing agents (e.g., water, foam). Use fire extinguishers with class B extinguishing agents (e.g., dry chemical, carbon dioxide).

5.3 PROTECTION OF FIRE FIGHTERS

Special Fire Fighting Procedures: Wear full protective equipment (Bunker Gear) and a self-contained breathing apparatus

(SCBA).

Unusual Fire and Explosion Hazards: No unusual fire or explosion hazards are anticipated.

Note: See STABILITY AND REACTIVITY (SECTION 10) for hazardous combustion and thermal decomposition information.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Accidental Release Measures: Not applicable.

SECTION 7: HANDLING AND STORAGE

7.1 HANDLING

This product is considered to be an article which does not release or otherwise result in exposure to a hazardous chemical under normal use conditions.

7.2 STORAGE

Not applicable.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 ENGINEERING CONTROLS

Not applicable.

8.2 PERSONAL PROTECTIVE EQUIPMENT (PPE)

8.2.1 Eye/Face Protection

Not applicable.

8.2.2 Skin Protection

Not applicable.

8.2.3 Respiratory Protection

Not applicable.

8.2.4 Prevention of Swallowing

Not applicable.

8.3 EXPOSURE GUIDELINES

None Established

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Odor, Color, Grade:	Semi-transparent clear to white polyethylene tape, slight acrylic odor.
General Physical Form:	Solid
Autoignition temperature	No Data Available
Flash Point	Not Applicable
Flammable Limits - LEL	Not Applicable
Flammable Limits - UEL	Not Applicable
Boiling point	Not Applicable
Density	Not Applicable
Vapor Density	Not Applicable
Vapor Pressure	Not Applicable
Specific Gravity	Not Applicable
pH	Not Applicable
Melting point	Not Applicable
Solubility in Water	Nil
Evaporation rate	Not Applicable
Volatile Organic Compounds	No Data Available
VOC Less H2O & Exempt Solvents	No Data Available
Viscosity	Not Applicable

SECTION 10: STABILITY AND REACTIVITY

Stability: Stable.

Materials and Conditions to Avoid: None known

Hazardous Polymerization: Hazardous polymerization will not occur.

Hazardous Decomposition or By-Products

<u>Substance</u>	<u>Condition</u>
Carbon monoxide	Not Specified
Carbon dioxide	Not Specified

SECTION 11: TOXICOLOGICAL INFORMATION

Please contact the address listed on the first page of the MSDS for Toxicological Information on this material and/or its components.

SECTION 12: ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION

Not applicable.

CHEMICAL FATE INFORMATION

Not applicable.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal Method: Dispose of waste product in a sanitary landfill. As a disposal alternative, incinerate in an industrial or commercial facility in the presence of a combustible material.

EPA Hazardous Waste Number (RCRA): Not regulated

Since regulations vary, consult applicable regulations or authorities before disposal.

SECTION 14: TRANSPORT INFORMATION

ID Number(s):

70-2004-0016-9, 70-2004-0017-7, 70-2005-0829-2, 70-2005-4610-2, 70-2005-4611-0, 70-2006-4252-1, 70-2006-4253-9, 70-2006-4799-1, 70-2006-4925-2, 70-2006-4927-8, 70-2006-4928-6, 70-2006-4929-4, 70-2006-4930-2, 70-2006-4931-0, 70-2006-4932-8, 70-2006-5225-6, 70-2006-5226-4, 70-2006-5230-6, 70-2006-7983-8, 70-2007-3957-4, 70-2007-3958-2, 70-2007-3959-0, 70-2007-3960-8, 70-2007-4347-7, 70-2007-4348-5

Please contact the emergency numbers listed on the first page of the MSDS for Transportation Information for this material.

SECTION 15: REGULATORY INFORMATION

US FEDERAL REGULATIONS

Contact 3M for more information.

311/312 Hazard Categories:

Fire Hazard - No Pressure Hazard - No Reactivity Hazard - No Immediate Hazard - Yes Delayed Hazard - No

STATE REGULATIONS

Contact 3M for more information.

CHEMICAL INVENTORIES

This product is an article as defined by TSCA regulations, and is exempt from TSCA Inventory listing requirements.

Contact 3M for more information.

INTERNATIONAL REGULATIONS

Contact 3M for more information.

ADDITIONAL INFORMATION

Product is in compliance with California Proposition 65.

This MSDS has been prepared to meet the U.S. OSHA Hazard Communication Standard, 29 CFR 1910.1200.

SECTION 16: OTHER INFORMATION

NFPA Hazard Classification

Health: 0 Flammability: 1 Reactivity: 0 Special Hazards: None

National Fire Protection Association (NFPA) hazard ratings are designed for use by emergency response personnel to address the hazards that are presented by short-term, acute exposure to a material under conditions of fire, spill, or similar emergencies. Hazard ratings are primarily based on the inherent physical and toxic properties of the material but also include the toxic properties of combustion or decomposition products that are known to be generated in significant quantities.

No revision information is available.

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