

## MATERIAL SAFETY DATA SHEETS FOR: ZINC OXIDE PASTE BANDAGE

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### SECTION 1- PRODUCT IDENTIFICATION

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<b>Product Name</b>	Primer <sup>®</sup> Latex-Free Modified Unna Boot
<b>Use/Size</b>	3" x 10 yards , 4" x 10 yards
<b>Product Numbers</b>	GL3001 (3" x 10 yards) GL4001 (4" x 10 yards)
<b>Manufacturer/Supplier</b>	<b>Derma Sciences, Inc.</b>
<b>Address</b>	104 Shorting Road Toronto, Ontario M1S 3S4, Canada
<b>Phone Number</b>	416-299-4003

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### SECTION 2- COMPOSITION

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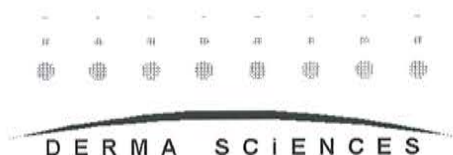
<b>Zinc Oxide</b>	CAS No: 1314-13-2
<b>Acacia</b>	CAS No: 9000-01-5
<b>Glycerin</b>	CAS No: 56-81-5
<b>Castor Oil</b>	CAS No: 8001-79-4
<b>White Petrolatum</b>	CAS No: 8009-03-8

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### SECTION 3- HEALTH HAZARD DATA

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<b>Routes of Entry</b>	Eye Contact / Skin Contact /Ingestion
<b>Carcinogenic Status</b>	These materials are not known to have carcinogenic properties
<b>Target Organs</b>	Eye/Skin
<b>Health Effects</b>	<b>Eyes</b> Contact may cause irritation



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## SECTION 3- HEALTH HAZARD DATA

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**Health Effects****Skin**

Repeated or prolonged contact may cause slight irritation.

**Health Effects****Ingestion**

Swallowing may have the following effects: nausea, diarrhea, abdominal pain, digestive tract-vomiting.

**Health Effects****Inhalation**

No adverse effects are expected during normal conditions of use.

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## SECTION 4- FIRST AID MEASURES

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**Eyes**

In case of contact immediately flood the eye with plenty of water for at least 15 minutes, holding the eye open. Obtain medical attention if soreness or redness persists.

**Skin**

If skin irritation develops, or other symptoms occur, discontinue use. Seek medical attention if symptoms persist.

**Ingestion**

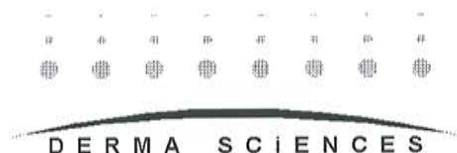
Do not induce vomiting. Have victim drink 1-3 glasses of water to dilute stomach contents. Never administer anything by mouth if a victim is losing consciousness, is unconscious or is convulsing. Obtain medical attention immediately.

**Inhalation**

If there is difficulty breathing, give oxygen. Seek medical attention if symptoms persist.

**Advise to physicians**

Treat symptomatically.



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## SECTION 5- FIRE FIGHTING MEASURES

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<b>Extinguishing Media</b>	Non Flammable. Select extinguishing agent appropriate to other materials involved.
<b>Unusual Fire and Explosion hazards</b>	Do not enter enclosed or confined space without proper protective equipment including respiratory protection.
<b>Protective Equipment for Fire-Fighting</b>	Wear full protective clothing and self-contained breathing apparatus.

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## SECTION 6- ACCIDENTAL RELEASE MEASURES

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This product, in final form, is a wound dressing, and is not expected to present a spill or release hazard. Scoop into a pan and transfer into suitable containers for recovery or disposal. No specific measures necessary.

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## SECTION 7- HANDLING AND STORAGE

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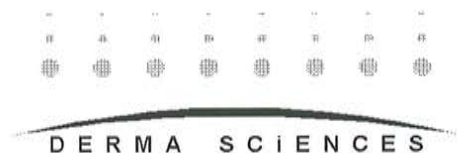
Product should be stored in a cool, well ventilated area, away from sources of ignition.

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## SECTION 8- SPECIAL PROTECTION INFORMATION

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<b>Engineering Control Measures</b>	No specific measures necessary
<b>Respiratory Protection</b>	Not normally required
<b>Hand Protection</b>	Skin protection not normally required
<b>Eye Protection</b>	Chemical goggles or safety glasses with side shields
<b>Body Protection</b>	Normal work wear



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## SECTION 9- PHYSICAL AND CHEMICAL PROPERTIES

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<b>Physical State</b>	Gauze impregnated with zinc oxide paste
<b>Color</b>	White
<b>Odor</b>	Characteristic
<b>pH</b>	No data
<b>Boiling Range/Point (°C/F)</b>	No data
<b>Melting Point (°C/F)</b>	No data
<b>Flash Point (PMCC)(°C/F)</b>	Exceeds 300 °F
<b>Explosion Limits (%)</b>	No data
<b>Vapor Pressure</b>	No data
<b>Density</b>	No data
<b>Solubility in Water</b>	No data
<b>Vapor Density (Air=1)</b>	No data
<b>Viscosity (cSt)</b>	No data

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## SECTION 10- STABILITY AND REACTIVITY

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<b>Stability</b>	Stable under normal conditions
<b>Conditions to Avoid</b>	Heat/High Temperature
<b>Hazardous Polymerization</b>	Will not occur
<b>Hazardous Decomposition Products</b>	Acrid smoke and irritating fumes, oxides of carbon, zinc oxide fumes

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## SECTION 11- DISPOSAL

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Dispose in accordance with all applicable local and national regulations. Dispose containers with care.

*Prepared By: Derma Sciences Quality Assurance Department on October 17, 2007*

*The information and recommendations presented in this MSDS are based on sources believed to be accurate, therefore, Derma Sciences, Inc. assumes no liability for the accuracy or completeness of this information. It is the user's responsibility to determine the suitability of the information for their particular purposes.*