

Issue Date: 25/05/2006
 Last Revision Date: 05/04/2024
 Superseded Date: 27/02/2019
 Version Number: 05

SAFETY DATA SHEET

Product Code: GLVLTXS70PFM

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SECTION 1 PRODUCT IDENTIFICATION

Product Name: Skin Shield Biodegradable Latex Surgical Gloves
Synonyms: Skin Shield Sterile Latex Powder Free Surgical Gloves
Product Uses: Disposable powder-free surgical latex gloves

SECTION 2 HAZARD IDENTIFICATION

Not classified as hazardous according to NOHSC/ASCC Criteria
Not classified as dangerous goods by the criteria of the ADG Code

Emergency Overview: This material when properly handled according to good working and hygienic practices is not dangerous to human health and the environment at ambient temperature.

General Precautionary Measures:

Code	General Precautionary Statements	Hazard Class	Hazard Category	Conditions for Use
P101	If medical advice is needed, have product container or label at hand.	As appropriate	N/A	Consumer products
P102	Keep out of reach of children.	As appropriate	N/A	Consumer products
P103	Read label before use.	As appropriate	N/A	Consumer products

*Note: Natural rubber latex contains a small quantity of natural proteins which may cause an immediate type I hypersensitive reactions such as urticaria and anaphylaxis in a small percentage of the population. However, the process of chlorination to make the gloves powder-free also reduces the extractable protein on the glove surface to below 50µg per gram glove. At such low protein level, sensitization is extremely rare. In any event, a user who cannot tolerate latex gloves is advised to consider alternative nonlatex gloves. Type I hypersensitivity is often accompanied by symptoms such as itching, hives, swelling, runny nose, wheezing and breathing difficulty. Other symptoms may involve nausea, abdominal cramps, increased heart palpitation, decreased blood pressure and anaphylactic shock.

Presence of residual ZDBC, ZMBT and anti-oxidants on the product surface may cause delayed type IV hypersensitivity e.g. allergic contact dermatitis and chemical allergy. Reactions include itching, burning sensations, blistering, reddening and pain. In chronic cases, users may develop dry and thickened skin, cracks, peeling and crusting.

Inhalation: Unlikely to happen due to product physical appearance.
Eye Contact: May cause eye irritation on certain individuals with very sensitive skin.
Skin Contact: May cause Type I or IV hypersensitivity on certain individuals with very sensitive skin.
Ingestion: Ingestion of harmful amount of this product as distributed may cause nausea or vomiting and can cause damage to digestive system.

SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	Chemical Formula	CAS No.
Natural Rubber Latex	(C ₅ H ₈) _n	9006-04-6
Sulfur	S	7704-34-9
Zinc Dibutyldithiocarbamate (ZDBC)	C ₁₈ H ₃₆ N ₂ S ₄ Zn	136-23-2
Zinc Salt of 2-mercaptobenzothiazole (ZMBT)	C ₁₄ H ₈ N ₂ S ₄ Zn	155-04-4

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Chemical Name	Chemical Formula	CAS No.
Active Zinc Oxide	ZnO	1314-13-2
Wingstay L 2,2-Methylenebis[6-(2-hydroxy-5-methylbenzyl)-p-cresol]	C ₃₁ H ₃₂ O ₄	20837-68-7
Titanium Dioxide	TiO ₂	13463-67-7
Wax Emulsion	N/A	N/A

SECTION 4 FIRST AID MEASURES

Inhalation: Not applicable due to product physical appearance.

Eye Contact: Flush eyes with clean water. If irritation continues, seek immediate medical attention.

Skin Contact: Remove gloves immediately, wash affected area thoroughly with mild soap and water. If irritation, inflammation or other symptoms develop, seek medical attention.

Ingestion: Attempt removal of product to clear airway. Do not induce vomiting and seek immediate medical advice.

SECTION 5 FIRE FIGHTING MEASURES

Suitable Extinguishing Equipment: No limitations on the type of fire extinguisher to be used in case of fire but dry powder fire extinguisher is more appropriate. Must also use extinguishing media most appropriate for the surrounding fire.

Fire and Explosion Hazard: Do not present fire or explosion hazards under normal conditions but natural rubber latex is combustible when ignited. Product may produce toxic fumes, oxides of sulphur, carbon monoxide, carbon dioxide and etc. when burning.

Special Protective Equipment: Fire fighters should wear a self contained breathing apparatus (SCBA) which meets appropriate standards operated in positive pressure mode, and full protective equipment, including full bunker gear.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Recycling is highly supported and encouraged before disposal. Disposed in an appropriately permitted waste landfill, or disposed by other methods in accordance with local, state, and federal regulations.

Spill/Leak Procedures: Not applicable products in solid state. Collect material in appropriate, labelled containers for recovery or disposal in accordance with federal, state, and local regulations. Do not release into sewers or waterways.

Regulatory Requirements: Follow applicable OSHA regulations (29 CFR 1910.120) and all other pertinent state and federal requirements.

Disposal: Follow applicable federal, state, and local regulations. Recycle if possible.

SECTION 7 HANDLING AND STORAGE

Safe Handling: Handle the product in accordance with directions for use. Do not eat, drink and smoke in working area. Wash hand before and after handling. Remove contaminated clothing and protective equipment before entering eating areas.

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Storage Conditions:

Store in a cool and dry place. Keep out of reach of children. Keep protected from sunlight, acids and alkali, petroleum and polar solvents, fire/heat sources, electrical wirings/sources and other incompatible materials.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls:

Use controls as appropriate to minimize exposure to fumes and dusts during handling operations. Use lifting and work devices, e.g., crane, hoist, etc., within rated capacities and in accordance with manufacturer's instructions when handling these products.

1. Evaluate potential employee exposure.
2. Maintain surfaces free as practical of accumulated material
3. Use protective clothing as specified by an industrial hygienist or safety professional where exposure levels may be excessive.
4. Do not smoke in work area.
5. Wash hands before eating, drinking or smoking and after handling.
6. Change contaminated clothing before leaving work premises.

Ventilation:

Provide general or local exhaust ventilation systems to minimize airborne concentrations. Local exhaust ventilation is preferred because it prevents contaminant dispersion into the work area by controlling it at its source.

Skin and Eye Protection:

Use protective clothing, gloves and safety glasses to prevent skin and eye contact. Use safety glasses or goggles and protective gloves as required for handling operations.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Colour:	Solid, elastic and odourless	Flammability:	Non-flammable, non-combustible
pH:	Not applicable	Vapour Pressure:	Not applicable
Melting/Freezing Point:	No data available.	Vapour Density:	Not applicable.
Boiling Point:	Not applicable	Relative Density:	No data available.
Flash Point:	No data available.	Solubility in Water:	Insoluble
Evaporation Rate:	Not applicable	Auto ignition:	No data available.

SECTION 10 STABILITY AND REACTIVITY

Stability:	This product is stable under normal storage and handling conditions.
Polymerization:	Hazardous polymerization cannot occur.
Chemical Incompatibilities:	Will react with strong acids and alkali, and may react with petroleum and polar solvents
Conditions to Avoid:	Sunlight, acids and alkali, petroleum and polar solvents, fire/heat sources, electrical wirings/sources and other incompatible materials.
Hazardous Decomposition Products:	Product may produce toxic fumes, oxides of sulphur, carbon monoxide, carbon dioxide and etc. when burning.

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SECTION 11 TOXICOLOGICAL INFORMATION

Potential Health Effects	No known adverse health effects for this product.
Acute Effects	No known adverse health effects for this product.
Chronic Effects	No known adverse health effects for this product.
Carcinogenicity	The International Agency for Research on Cancer (IARC), the National Toxicology Program (NTP), and OSHA do not list this product as carcinogen.
Medical Conditions Aggravated by Long-Term Exposure	No LC50 or LD50 has been established for the mixture as a whole.
Mutagenicity, Teratogenicity	No data available.

SECTION 12 ECOLOGICAL INFORMATION

This product in its usual form does not pose an ecological hazard.

Environmental Degredation:	No data available for the product as a whole. However, individual components of the product have been found to be toxic to the environment.
Ecotoxicity:	No data available.
Environmental Fate:	No data available.
Soil Absorption/Mobility:	No data available for the product as a whole. However, some of individual components of the product have been found to be absorbed by plants from soil.

SECTION 13 DISPOSAL CONSIDERATIONS

The product and its packaging must be disposed of in accordance with the local and national regulations.

SECTION 14 TRANSPORT INFORMATION

This product is not classified as dangerous good under transport regulations.

UN No.:	N/A
Packaging Group:	N/A
DG Class:	N/A
Hazchem Code:	N/A

SECTION 15 REGULATORY INFORMATION

No regulatory information available.

SECTION 16 OTHER INFORMATION

Reason for Revision:	To bring to date.
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END OF SDS

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