

PGI Nonwovens - FNA Polymer
III Excellence Way
Mooresville, NC 28115
Telephone: 704-664-3733

Product Code: **Impact**
Issue Date: **09/17/99**
Supersedes: **---**
Supersedes Date: **---**

MATERIAL SAFETY DATA SHEET

SECTION I - PRODUCT IDENTIFICATION

Product Code: 0601, 0602, 0604, 0605, 0608, 0614, 0615, 0616
Product Name/Synonyms: Impact Fabric (FDA Grade)
Chemical Description: Spunbond Polyester Based Nonwoven Fabric

SECTION II - COMPOSITION, INFORMATION ON INGREDIENTS

Components	Percent by Weight	C A S No.	***Exposure Limits***	
			TWA (8 Hour)	Short Term (15 Min.)

The composition of this material is proprietary.
This material as sold is not hazardous per 29 CFR 1910.1200 criteria.

SECTION III - HAZARDS IDENTIFICATION

Health Effects:

Eyes: None known.
Skin: None known.
Inhalation: N.A.
Ingestion: N.A.

N.A. = Not Applicable

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SECTION IV - FIRST AID MEASURES

First Aid Procedures:

Eyes: If irritation occurs, flush eyes immediately with large amounts of water for at least 15 minutes and continue flushing until irritation subsides. If redness or irritation persists, contact a physician.

Skin: Use good personal hygiene and wash thoroughly after handling. If redness or irritation persist, contact a physician.

Inhalation: N.A.

Ingestion: N.A.

SECTION V - FIRE FIGHTING MEASURES

		Flammable (Explosive) Limits (Percent by Volume)
Flash Point(Specify Method):	N.A.	Lower Explosive Limit: N.A.
Flammability Class:	N.A.	Upper Explosive Limit: N.A.
Fire Extinguishing Media:	Water, Carbon Dioxide, Dry Chemical	
Special Fire Fighting Procedures:	None	
Unusual Fire & Explosion Hazards:	None known; expected to be similar to ordinary combustible	

SECTION VI - ACCIDENTAL RELEASE

Steps to be taken in case material is released or spilled: N.A.

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SECTION VII - HANDLING AND STORAGE

Handling: None

Storage: Avoid storing near strong oxidizers.
Avoid sources of ignition.
Use caution when stacking to avoid unstable conditions.
Store at temperatures below 140°F
Store in a sprinklered warehouse.

SECTION VIII - EXPOSURE CONTROLS, PERSONAL PROTECTION

Eye Protection: None required when used as intended.
Gloves: None required when used as intended.
Respiratory: None required.
Ventilation: None required.
Other: N.A.

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odor:	White Fabric	Boiling Point:	N.A.
Odor Threshold:	N.A.	Freezing Point:	N.A.
Specific Gravity (Water=1):	N.A.	pH:	N.A.
Vapor Density (Air=1):	N.A.	Solubility in Water:	N.A.
Vapor Pressure(mm of mercury):	N.A.		
Evaporation Rate:	N.A.		

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SECTION X - STABILITY AND REACTIVITY

General Reactivity:	Stable
Incompatibility (Materials to Avoid):	N.A.
Hazardous Decomposition Products:	Not tested; expected to be similar to ordinary combustion.
Hazardous Polymerization:	..X.. Will Not Occur Will Occur
Conditions to Avoid:	N.A.

SECTION XI - TOXICOLOGICAL INFORMATION

Reported Human Effects:

Based on human repeated insult patch test on this product, the material is characterized as one devoid of irritating propensities and of sensitizing propensities that can be detected by the method used in the study.

Reported Animal Effects:

Based on the Acute Oral Toxicity study on this product, the LD₅₀ is greater than 5 g/Kg. Therefore, the test material extract is not considered to be toxic according to definitions of listed in 16 CFR 1500.3 (c) (2) (i).

Based on the Cytotoxicity study on this product, the material is considered non-cytotoxic and meets the requirements of the Elution Test, ISO 10993.

Carcinogenicity Information:

Not classifiable as a Human Carcinogen by ACGIH, IARC, EPA or NTP.

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SECTION XII - ECOLOGICAL INFORMATION

Ecotoxicity:

No ecological studies have been carried out on this product.

SECTION XIII - DISPOSAL CONSIDERATION

Waste Disposal Methods:

Dispose in accordance with Federal, State and local regulations. Be aware that state and local requirements may differ widely depending on location and may in many cases be different from federal rules.

When a decision is made to discard this material as supplied, it does not meet RCRA's (Resource Conservation and Recovery Act) characteristic definition of ignitability, corrosivity, or reactivity, and is not listed in 40 CFR 261.33. The toxicity characteristic (TC), however, has not been evaluated by the Toxicity Characteristic Leaching Procedure (TCLP).

SECTION XIV - TRANSPORTATION INFORMATION

Shipping Information:

Shipments of Empact fabrics are not regulated by the U.S. Department of Transportation (DOT). There is no identification number. No special labels are required.

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SECTION XV - REGULATORY INFORMATION

U.S. Federal Regulations

OSHA:

This MSDS is provided to comply with provisions of the Hazard Communication Standard (29 CFR 1910.1200).

EPA:

TSCA:

All components of this product are in compliance with the inventory listing requirements of the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory, 8(b).

CERCLA Information (40CFR 302.4):

Releases of this material to land or water are not reportable to the National Response Center under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) or to state and local emergency planning committees under the Superfund Amendments and Reauthorization Act (SARA) Title III Section 304.

SARA TITLE III, Section 313 Information (40CFR 372):

This product does not contain a chemical which is listed in Section 313 at or above de minimis concentrations.

CLEAN AIR ACT AMENDMENTS OF 1990:

This product and its packaging do not contain, nor are they manufactured with, any of the ozone-depleting substances listed in either Class I (chlorofluorocarbons, halons, carbon tetrachloride, and methyl chloroform) or Class II (hydrochlorofluorocarbons) of the Clean Air Act Amendments of 1990.

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FDA:

The component in this product may lawfully be used as, or components of, plastics (films, articles, or fabric) intended for use in contact with food subject to conditions in 21 CFR 177.1630 and provisions of 21 CFR 174.

USDA:

This product has not been evaluated by USDA for use in packaging material in direct contact with meat or poultry food products prepared under federal inspection.

State Regulations

California's Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65):
None

Massachusetts Right-to-Know, Hazardous Substance List (MSL):
None

New Jersey Right-to-Know Hazardous Substance List:
None

SECTION XVI - OTHER INFORMATION

PGI Nonwovens (FNA Polymer) Hazard Rating	Scale
Health 0	4 = Extreme
Fire 1	3 = High
Reactivity 0	2 = Moderate
Special —	1 = Slight
	0 = Insignificant

Ratings are based on PGI guidelines, and are intended for internal use.

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References Documentation: Component MSDS(s)
1997 ACGIH Guide To Occupational Exposure Values
The Book of Chemical Lists, Volume I & Volume II

Important Notice:

All statements, technical information and recommendations set forth herein are based on information or tests which PGI Nonwovens - FNA Polymer Corp. believes to be reliable as of the date of this material safety data sheet. However, nothing contained in this information is to be taken as a representation, guarantee, or warranty, for which PGI Nonwovens - FNA Polymer Corp. bears legal responsibility. PGI Nonwovens - FNA Polymer Corp. urges persons receiving this information to make their own determination as to the information's suitability and completeness for their particular application(s).

The data in this Material Safety Data Sheet relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process.

Abbreviations:

ACGIH = American Conference of Governmental Industrial Hygienists
OSHA = Occupational Safety and Health Administration
TLV = Threshold Limit Value
PEL = Permissible Exposure Limit
TWA = Time Weighted Average
STEL = Short-Term Exposure Limit
EPA = Environmental Protection Agency
IARC = International Agency for Research on Cancer
NTP = National Toxicology Program
FDA = Food & Drug Administration
USDA = United States Department of Agriculture

Responsibility For This MSDS:

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