tyco Healthcare	KENDALL	MATERIAL SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name	KENDALL® AMD Foam Dressing
Use/Size	Wound Dressings
Product Numbers	55522AMD, 55535AMD, 55544AMD, 55548AMD, 55566AMD, 55588AMD, 55535PAMD, 55544PAMD, 55511AMD, 55512AMD, 55513AMD, 55522AMDX, 55535 AMDX, 55544 AMDX, 55548 AMDX, 55566 AMDX, 55588AMDX, 55535PAMDX, 55544PAMDX, 55511AMDX, 55512AMDX, 55513AMDX
Manufacturer/Supplier	Tyco Healthcare/ Kendall
Address	15 Hampshire Street Mansfield, MA 02048
Phone Number	(508) 261-8000 (Monday – Friday 8:00 am to 5:00 pm)
Chemtrec Number	(800) 424-9300
Revision Date:	NA
MSDS Date:	September 3, 2008

This MSDS has been compiled in accordance with - EC Directive 91/155/EC - OSHA's Hazcom Standard (29 CFR 1910.1200)

2. COMPOSITION/INFORMATION ON THE COMPONENTS

Component Name	CAS#/Codes	Concentration	R Phrases	Classification
Poly(Hexamethylene biguanide) hydrochloride impregnated foam	27083-27-8 No EC #	0.50%	R-None	None

3. HAZARD IDENTIFICATION

EU Main Hazards
Not classified as hazardous.

Routes of Entry
- Eye contact - Ingestion - Skin contact

Carcinogenic Status
Not considered carcinogenic by NTP, IARC, and OSHA.

Target Organs
- Eye

Health Effects – Eyes
No hazard anticipated during normal operations. Contact may cause slight transient irritation.

Health Effects – Skin
This product is non-irritating to the skin. Exposure to PHMB at concentrations greater than 2.5% has been infrequently associated with contact dermatitis.

Health Effects – Ingestion
No hazard anticipated during normal operations.

Health Effects – Inhalation
No adverse effects are expected.

4. FIRST AID MEASURES

Eyes
No adverse effects are expected. Obtain medical attention if soreness or redness occurs. Flood the eye with plenty of water for at least 15 minutes, holding the eye open, if applicable.

Skin
No adverse effects are expected. Obtain medical attention if redness occurs. Wash skin thoroughly with soap and water, if applicable.

Ingestion
No adverse effects are expected. Do not induce vomiting. Never administer anything by mouth if a victim is losing consciousness, is unconscious or is convulsing, if applicable. Obtain medical attention immediately, if applicable.

Inhalation
No adverse effects are expected. If there is difficulty in breathing, give oxygen, if applicable. Seek medical attention if symptoms persist.

Advice to Physicians
Treat symptomatically.

5. FIRE FIGHTING MEASURES

Extinguishing Media
Select extinguishing agent appropriate to materials involved.

Unusual Fire and Explosion Hazards
Combustion may give off toxic fumes, mainly carbon monoxide, carbon dioxide, and hydrogen cyanide

Protective Equipment for Fire-Fighting
Wear full protective clothing and self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Transfer into suitable containers for recovery or disposal. No specific measures necessary.

7. HANDLING AND STORAGE

Storage area should be: - cool - dry - well ventilated. Keep away from ignition sources and strong light sources.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Standards
Exposure limits are listed below, if they exist.

Poly(Hexamethylene biguanide) hydrochloride
None assigned.

Engineering Control Measures
No specific measures necessary. Good general room ventilation is expected to be adequate.

Respiratory Protection
Respiratory protection not normally required.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Hand Protection
Skin protection not normally required.

Eye Protection
Eye protection not normally required.

Body Protection
Normal work wear.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Solid, open cell PHMB impregnated polyurethane foam (0.5%)
Color	Pale Yellow
Odor	Odorless
PH	No data
Specific Gravity	No data
Boiling Range/Point (°C/F)	No data
Melting Point (°C/F)	No data
Flash Point (PMCC) (°C/F)	No data
Explosion Limits (%)	No data.
Vapor Pressure	No data.
Density	>1
Solubility in Water	No data
Vapor Density (Air = 1)	No data.
Viscosity (cSt)	No data.

10. STABILITY AND REACTIVITY

Stability
Stable under normal conditions.

Conditions to Avoid
- Heat, high temperatures, prolonged exposure to strong light sources.

Materials to Avoid
None known.

Hazardous Polymerization
Will not occur.

Hazardous Decomposition Products
- oxides of carbon - hydrogen cyanide when ignited

11. TOXICOLOGICAL INFORMATION

Acute Toxicity
Acute Effects (≥ 24hhrs exposures ≤ 30 days)

Cytotoxicity: None Acute Systemic Toxicity: None

11. TOXICOLOGICAL INFORMATION

Sensitization:	None	Subchronic Toxicity (30 days):	None
Irritation:	None	Implantation (30 days):	None

No adverse effects are expected at the concentrations found in this product.

Chronic Toxicity/Carcinogenicity

Carcinogenicity:	No data	Reproductive Effects:	No data
Mutagenicity:	No data	Developmental Effects:	No data

Genotoxicity
This product is not expected to cause any mutagenic effects.

Reproductive/Developmental Toxicity
This product is not expected to cause reproductive or developmental health effects.

12. ECOLOGICAL INFORMATION

Mobility
No relevant studies identified.

Persistence/Degradability
No relevant studies identified.

Bio-accumulation
No relevant studies identified.

Ecotoxicity
No relevant studies identified.

13. DISPOSAL

Dispose of in accordance with all applicable local and national regulations.

14. TRANSPORT INFORMATION

DOT CFR 172.101 Data	Not Regulated
UN Proper Shipping Name	Not Regulated
UN Class	None.
UN Number	None.
UN Packaging Group	None.
Classification for AIR Transportation (IATA)	Consult current IATA Regulations prior to shipping by air.

15. REGULATORY INFORMATION

EU Label Information

Classification and labelling have been performed according to EU directives 67/548/EEC and 99/45/EC including amendments.

EC Annex I Classification

According to EC Commission Directive 67/548/EEC this product is not classified.

R phrases

None.

S phrases

None.

US REGULATIONS (Federal, State) and INTERNATIONAL CHEMICAL REGISTRATION LAWS

TSCA Listing

This product contains ingredients that are listed on or exempt from listing on the EPA Toxic Substance Control Act Chemical Inventory.

EINECS Listing

All ingredients in this product are listed on the European Inventory of Existing Commercial Chemical Substances (EINECS) or are exempt from listing.

DSL (Canadian) Listing

All ingredients in this product are listed on the Domestic Substance List (DSL).

MA Right To Know Law

All components have been checked for inclusion on the Massachusetts Substance List (MSL). Those components present at the de minimus concentration have been identified in the hazardous ingredients section of the MSDS.

PA Right To Know Law

This product does not contain any chemicals on the Pennsylvania Hazardous Substance List.

NJ Right To Know Law

This product does not contain any chemicals on the New Jersey Workplace Hazardous Substance List.

California Proposition 65

This product does not contain materials which the State of California has found to cause cancer, birth defects or other reproductive harm.

SARA Title III Sect. 302 (EHS)

This product does not contain any chemicals subject to SARA Title III Section 302.

SARA Title III Sect. 304

This product does not contain any chemicals subject to SARA Title III Section 304.

SARA Title III Sect. 311/312 Categorization

This product does not meet any of the SARA Title III Section 311/312 categorizations.

SARA Title III Sect. 313

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

16. OTHER INFORMATION

NFPA Ratings

NFPA Code for Flammability - 0
NFPA Code for Health - 1
NFPA Code for Reactivity - 0

16. OTHER INFORMATION

NFPA Code for Special Hazards - 0

HMIS Ratings
HMIS Code for Flammability - 0
HMIS Code for Health - 1
HMIS Code for Reactivity - 0
HMIS Code for Personal Protection - See Section 8

Abbreviations
N/A: Denotes no applicable information found or available
CAS#: Chemical Abstracts Service Number
ACGIH: American Conference of Governmental Industrial Hygienists
OSHA: Occupational Safety and Health Administration
TLV: Threshold Limit Value
PEL: Permissible Exposure Limit
STEL: Short Term Exposure Limit
NTP: National Toxicology Program
IARC: International Agency for Research on Cancer
EU: European Union
R: Risk
S: Safety
LC50: Lethal Concentration 50%
LD50: Lethal Dose 50%
BOD: Biological Oxygen Demand
KoC: Soil Organic Carbon Partition Coefficient

Prepared By: EnviroNet LLC.

The information and recommendations presented in this MSDS are based on sources believed to be accurate; therefore, The Kendall Company 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.