Acoustical Surfaces, Inc.
We identify and S.T.O.P Your Noise Problems
Sound Transmission Obscuring Products
Soundproofing, Acoustics, Noise & Vibration Control Specialists ™

Acoustical Surfaces, Inc.

SOUNDPROOFING, ACOUSTICS, NOISE & VIBRATION CONTROL SPECIALISTS

123 Columbia Court North • Suite 201 • Chaska, MN 55318
(952) 448-5300 • Fax (952) 448-2613 • (800) 448-0121

Email: sales@acousticalsurfaces.com
Visit our Website: www.acousticalsurfaces.com

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GENERAL FOAM CORPORATION

FABRICATED ARTICLE SAFETY DATA SHEET

SECTION I: ARTICLE IDENTIFICATION

MANUFACTURED FOR AND RELEASED TO:
ACOUSTICAL SURFACES INC.

Address: 123 Columbia Court N. – Chaska, Minnesota 55318

Product, Trade and Sales Names:
OYXX, 1YXX, 2YXX, 3YXX or 9YXX (where X may be any digit between 0 and 9 designating color and Y specifying type). POLYURETHANE FOAM (POLYETHER TYPE), flexible.

Product Composition and Structure:
Reaction product of toluenediisocyanate, water and a polyalkoxy polyether polyol. May contain small amounts of insoluble, inorganic fillers, or plasticizer extenders. May contain small amounts of pigment to achieve specified color.

SECTION II: POTENTIALLY HAZARDOUS COMPONENTS

None known, no limits established.

SECTION III: PHYSICAL DATA

Appearance, odor:
Solid, cellular structure, flexible, nearly odorless, white to offwhite natural col or specified color. (Shade will change slowly on exposure to air.)

Melting, thermal decomposition ranges:
335 – 370 deg. C. (640 – 700 deg. F.) DTA decomposition temp.

Extractables:
Water will extract residual formulation ingredients plus low molecular weight polymers. Total extractables are 1 – 3%. Processors and users are encouraged to test for contamination effects and/or hazards of these extractables if appropriate.

SECTION IV: FIRE AND EXPLOSION DATA

Flammability:
Material can be ignited by an open flame or by a source for smoldering ignition in combination with some other materials. Any reference to combustion modification ratings only to small scale laboratory tests and such ratings are not intended to reflect hazards presented by this or any other material under actual fire conditions.

Ignition Temperature:
Unknown

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Explosibility:

Not explosive in manufactured form. high concentrations of fine product dust from processing may be an explosion hazard. Prevent accumulation of dust in work and storage areas.

Explosion Concentration, minimum

Unknown

Fire Extinguishing Media:

Large volumes of water are required for extinguishing. ABC dry chemical may be appropriate for initial control or small volumes of foam.

Fire Fighting Hazards:

Burning will produce irritation vapors and smoke, carbon monoxide, and other toxic decomposition products. Overheating can produce a hot semi-liquid melt which can produce contact blisters and release toxic and/or flammable vapors. Foam may tend to melt when burning forming flaming, molten product which could cause spread of fire. Beware of smoldering reignition. After extinguishing, soak completely, tear foam apart and remove burned material to safe area outdoors. Caution: Foam may appear to be extinguished but may be burning or smoldering internally or contain molten product.

Fire Protection needed:

Fire fighters should use self-contained breathing apparatus and full fire department turnout gear. Refer to OSHA Safety and Health Standards 29 CFR 1910.156 Fire Brigade.

SECTION V: HEALTH EFFECTS

FROM NORMAL HANDLING:

None expected in ordinary use. Polymer is essentially inert with low oral or dermal toxicity. Inhalation of foam dust may be harmful. Temperatures in excess of 135 deg. C (275 deg. F) encountered in any processing or other use will produce irritation or toxic fumes.
Note: The toxicological properties of this foam and certain components used in the manufacture of this foam, which may be present in the final product, have not been fully investigated. We encourage processors or users to perform their own testing to assure this product is suitable for its intended end use(s).

First Aid Procedures:

In case of overexposure to fumes, vapors or smoke, remove victim to fresh air. Render breathing assistance if needed and consult a physician. In case of eye irritation from contact of foam dust, fumes, vapor or smoke, flush with plenty of water or suitable eyewash for 15 minutes. Consult a physician.

SECTION VI: REACTIVITY

Thermal Stability:

Decomposition is accelerated at elevated temperatures. Avoid temperatures greater than 135 deg. C (275 deg. F) for periods beyond those required for processing.

Incompatibility:

Can react with strong oxidizing agents. Decomposes with strong acids or alkalies. Any changes or modifications of foam product, or the addition of or combination with other materials requires reevaluation of potential hazards by the processor or user.

Decomposition Hazards:

Burning or excessive heat will produce irritation or toxic vapors or smoke.

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SECTION VII: STORAGE, HANDLING and DISPOSAL

Storage Conditions:

Keep away from contact with an open flame or other sources of ignition. Avoid elevated storage temperatures. Automatic sprinklers are recommended and may be required. Maximum stacking height and minimum sprinkler head clearance may be required. Check for compliance with insurance regulations, local building codes or other legal requirements.

Handling Conditions:

Keep away from contact with open flame or other nonprocessing sources of ignition. Avoid walking. jumping, climbing etc. on foam. Avoid inhalation of product dust, fumes or smoke. Maintain good housekeeping. Remove accumulations of small foam particles. Appropriate local exhaust is required for all processes where fumes, smoke or dust are generated.

Protective Clothing and Masks:

For foam dust or fumes from hot processing, use appropriate NIOSH approved respiratory equipment. Refer to OSHA Safety and Health Standards 29 CFR 1910.134 RESPIRATORY PROTECTIVE EQUIPMENT. use adequate eye protection as appropriate when in the vicinity of foam processing machinery. Use adequate hand protection when not processing.

Waste and Spill Handling:

Shred or bale for reuse. For all other methods of disposal, consult with federal, state and local authorities for compliance with laws. Refrain from contaminating the environment.

Date Issued:	Name and Title	Sheet No.
November 22, 1985		-1-
Replaces:	Herman Stone, Dir. Foam Development	

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