



Acoustical Surfaces, Inc.

SOUNDPROOFING, ACOUSTICS, NOISE & VIBRATION CONTROL SPECIALISTS

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

We Identify and **S.T.O.P.** Your Noise Problems

MSDS Information

MATERIAL SAFETY DATA SHEET SONEX (URETHANE) FOAM

Section I: Identification

Product Name: Sonex Acoustical Foam.

Manufacturer: Rendered by Manufacturer and Released to Acoustical Surfaces Inc.

Emergency Telephone No.: 612-520-3620

Material Description and Composition:

Sonex is a flexible, pigmented polyurethane foam, containing combustion modifying additives and carbon. It is a reaction product of toluene diisocyanate, water and modified polyalkoxy polyol (containing styrene and acrylonitrile polymers). May contain small amounts of insoluble, inorganic fillers, or plasticizer extenders.

Section II: Potentially Hazardous Components

None known, no limits established.

Section III: Physical Data

Appearance, odor:

Solid, cellular structure, flexible, nearly odorless, various colors. Shade will change slowly on exposure to air.

Melting, Decomposition Ranges:

Approx 280 – 330 degrees Celsius (540 – 630 deg F) DTA decomposition temperature.



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Extractables:

Hot water will extract residual formulation ingredients plus low molecular weight polymers. Total extractables 2.5 – 4%. 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:

Can be ignited readily by an open flame or by a source for smoldering ignition in combination with some other materials. Reference to combustion modification refers only to small scale lab tests and such ratings are not intended to reflect hazards presented by this or any other material under actual fire conditions.

Ignition Temperature: Not know.

Explosibility:

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

Fire Extinguishing Media:

Large volumes of water are required for extinguishing fires in large bulk storage areas. Carbon Dioxide, ABC dry chemical should be appropriate for initial control or small volumes of foam typical in most industrial applications.



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Fire Fighting Hazards:

Burning will produce irritating vapors and smoke, carbon monoxide, hydrogen halide and other toxic decomposition products. Overheating can produce a hot semi-liquid melt which can produce contact.

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 hot 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:

01/02/92

Name and Title:

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