



A CSW Industrials Company

SAFETY DATA SHEET

ACOUSTIC FOAM

Sound protection for building assemblies

SECTION 1 - PRODUCT AND COMPANY INFORMATION

Product Name:	Acoustic Foam	Supplier's Name:	RectorSeal LLC 2601 Spenwick Drive Houston, TX 77055 USA
Product Code:	66361		
Revision Date:	August 8, 2016	Emergency Telephone No:	Chemtrec 24 Hours (800) 424-9300 US (703) 527-3887 International
Supersedes:	0024-04		
SDS No:	0024-05	Technical Service Telephone No:	(800) 231-3345 or (713) 263-8001
Synonyms:	Flexible Polyurethane Foam		
Chemical Family:	All polyether and polyester foam products		
Description/Use:	Construction		
Formula:	Not available		

SECTION 2 - HAZARDS IDENTIFICATION

Product Classification: None
 Routes of Entry: Inhalation, Eyes
 Chemical Interactions: No known interactions
 Medical Conditions Aggravated: No data available

Human Threshold Response Data

Odor Threshold: Not established
 Irritation Threshold: Not established

Immediate (Acute) Health Effects

Inhalation Toxicity: Not expected to be toxic by inhalation.
 Inhalation Irritation: Coarse dust can cause mechanical irritation of lungs and eyes. Airborne dust is evaluated as a nuisance dust. If ignited, foam may decompose and emit toxic gases and respiratory irritants.
 Skin Contact: No data available
 Eye Contact: Coarse dust can cause mechanical irritation to the eyes. If exposed, avoid rubbing eyes.
 Ingestion Irritation: No data available
 Ingestion Toxicity: No data available
 Acute Target Organ Toxicity: None known

Prolonged (Chronic) Health Effects

Carcinogenicity:	This product is not known or reported to be carcinogenic by any reference source including IARC or NTP.
Reproductive and Developmental Toxicity:	Not known or reported to cause reproductive or developmental toxicity.
Inhalation:	Coarse dust can cause mechanical irritation of lungs and eyes. Airborne dust is evaluated as a nuisance dust. If ignited, foam may decompose and emit toxic gases and respiratory irritants.
Skin Contact:	There are no known or reported effects from chronic exposure except for effects (if any) similar to those experienced from acute exposure.
Ingestion:	There are no known or reported effects from chronic ingestion except for effects similar to those experienced from single exposure.
Chronic Target Organ Toxicity:	None known
Supplemental Health Hazard Information:	No additional health information available

SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS #	% WEIGHT	OSHA PEL / ACGIH TLV
Polyurethane Foam	9009-54-5	100%	None Established

Polyurethane foam is a fully cross-linked reaction product of polyhydroxy polyol, diisocyanate, catalysts, surfactants, pigments and water. Polyurethane foam product is polymeric material consisting of repeating units of carbon, hydrogen, oxygen and nitrogen.

SECTION 4 - FIRST AID MEASURES

Inhalation	IF INHALED: Remove individual to fresh air; Call a physician if respiratory discomfort persists.
Skin Contact	IF ON SKIN: None necessary.
Eyes	IF IN EYES: Flush eyes with plenty of water for at least 15 minutes. Call a physician if irritation develops.
Ingestion	IF SWALLOWED: Consult a physician.

SECTION 5 - FIRE FIGHTING MEASURES

Fire/Explosion Hazards:	Material may be ignited only if preheated to high temperatures (greater than 500°F or 260°C), for example in a fire.
Extinguishing Media:	Use foam, carbon dioxide, dry chemical or water spray when fighting fires. Water or foam may cause frothing if liquid solvent or oil is burning but it still may be a useful extinguishing agent if carefully applied to the fire.
Fire Fighting Instructions:	In case of fire, use normal fire fighting equipment including an approved self-contained breathing apparatus (SCBA).
Hazardous Combustion Products:	Carbon monoxide, Carbon dioxide
Classification:	Combustible Solid
NFPA Sprinkler Classification:	Extra Hazard
Lower Flammable/Explosive Limit, % in air:	No Data
Upper Flammable/Explosive Limit, % in air:	No Data
Special Considerations:	<p>Flexible polyurethane foam, like all organic materials, will burn if exposed to a sufficient heat source. The ignition temperature of polyurethane foam will vary depending on the product chemical formulation, but all polyurethane foams are combustible and can create a fire risk. Flexible polyurethane foams, once ignited, may degrade and melt to a combustible liquid, which may add to the fire involvement.</p> <p>Fire retardant foams should not be considered safe under all conditions.</p> <p>Thermal decomposition products from foams can be toxic and present a risk to humans who are exposed.</p> <p>Fires of polyurethane foams generate large quantities of dense smoke quickly</p>

SECTION 6 - ACCIDENTAL RELEASE MEASURES

NO SPECIAL RESPONSE REQUIRED.

SECTION 7 - HANDLING AND STORAGE

Safe Handling and Storage:	Warehousing of bun stock, sheets, rolls and fabricated items should be stored under a fusible sprinkler system with a minimum of six feet clearance between stacks of foam and the sprinkler heads. Do not store foam near any ignition sources such as exposed electrical or gas heating elements, open flames and exposed lights. Do not smoke in foam storage areas. Do not allow foam scrap and cutting to accumulate and maintain clear aisles with adequate access to all storage areas and exits.
Shelf Life Limitations:	No Data Available
Incompatible Materials for Storage:	Refer to Section 10, "Chemical Incompatibility"

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Ventilation: General exhaust is normally required for those processing areas that may generate foam dust and decomposition products. Examples of these processes include sawing, grinding, buffing and flame lamination, hot wire cutting, heat sealing and hot stamping. No exposure limits exist for the constituents of this product.

PROTECTIVE EQUIPMENT FOR ROUTINE USE OF PRODUCT

Respiratory Protection: Respiratory protection not normally needed since volatility and toxicity are low. If vapors, mists or aerosols are generated, wear an approved respirator.

Respirator Type(s): An approved air purifying respirator with dust/mist filter. Air purifying respirators should not be used in oxygen deficient or IDLH atmospheres or if exposure concentrations exceed ten (10) times the published limit.

Skin: Follow good industrial hygiene practices.

Eyes: Use safety glasses with side shields.

Protective Clothing Type: Normal Clothing

EXPOSURE LIMIT DATA

CHEMICAL NAME	CAS #	% WEIGHT	OSHA PEL / ACGIH TLV
Polyurethane Foam	9009-54-5	100%	None Established

NIOSH Immediately Dangerous to Life or Health: The IDLH has not been established for this product.

SECTION 9 - PHYSICAL DATA

Physical State: Uniform cellular solid structure
 Color: Varies
 Odor: Sweet
 Molecular Weight: Not Applicable
 pH (@ 25 Deg. C): Not Applicable
 Octanol/Water Coeff: Not Applicable
 Solubility in Water: Not Applicable
 Bulk Density: 0.5 – 40 lb/cubic foot
 Specific Gravity: Not Applicable
 Vapor Density: Not Applicable
 Vapor Pressure: Not Applicable
 Evaporation Rate: Not Applicable
 Volatiles, % by vol.: Not Applicable
 Boiling Point: Not Applicable
 Melting Point: 175° – 190°C
 Freezing Point: Not Applicable

FLAMMABLE PROPERTIES

Flash Point: >229°C (> 444°F) (Test Method: Cleveland Open Cup)
 Autoignition Temp.: No Data

SECTION 10 - STABILITY AND REACTIVITY

Stability and Reactivity Summary:	Stable under normal conditions.
Reactive Properties:	Not sensitive to static discharge.
Hazardous Polymerization:	Will not occur
Conditions to Avoid:	Moisture (will lead to product performance degradation) hygroscopic, high temperatures
Chemical Incompatibility:	Strong oxidizing agents
Hazardous Decomposition Products:	Unidentified organic compounds, carbon monoxide
Decomposition Temperature:	No data

SECTION 11 - TOXICOLOGY INFORMATION

COMPONENT ANIMAL TOXICOLOGY

Oral LD50 value:	No data
Dermal LD50 value:	No data
Inhalation LC50 value:	No data

PRODUCT ANIMAL TOXICITY

Oral LD50 value:	No data
Dermal LD50 value:	No data
Inhalation LC50 value:	No data
Skin Irritation:	This material is expected to be non-irritating.
Eye Irritation:	This material is expected to be non-irritating.
Reproductive and Developmental Toxicity:	Not known or reported to cause reproductive or developmental toxicity.
Mutagenicity:	Not known or reported to be mutagenic.
Carcinogenicity:	This chemical is not known or reported to be carcinogenic by any reference source including IARC or NTP.

SECTION 12 - ECOLOGICAL INFORMATION

Ecological Toxicity Values: No data.

SECTION 13 - DISPOSAL CONSIDERATIONS

CARE MUST BE TAKEN TO PREVENT ENVIRONMENTAL CONTAMINATION FROM THE USE OF THIS MATERIAL. THE USER OF THIS MATERIAL HAS THE RESPONSIBILITY TO DISPOSE OF UNUSED MATERIAL, RESIDUES AND CONTAINERS IN COMPLIANCE WITH ALL RELEVANT NATIONAL AND EU LAWS, DIRECTIVES AND REGULATIONS REGARDING TREATMENT, STORAGE AND DISPOSAL FOR HAZARDOUS AND NONHAZARDOUS WASTES.

Waste Disposal Summary:	This product DOES NOT meet the criteria of a hazardous waste as defined under 40 CFR 261, in that it does not exhibit the characteristics of hazardous waste of Subpart C, nor is it listed as a hazardous waste under Subpart D.
Disposal Methods:	As a nonhazardous waste, it should be disposed of in accordance with National and EU laws, directives and regulations.

SECTION 14 - TRANSPORTATION INFORMATION

Air (IATA/ICAO):	Not Regulated
Water (IMO):	Not Regulated
Flash Point:	(°C) > 229
Land (ADR/RID):	Not Regulated

SECTION 15 - REGULATORY INFORMATION

EU REGULATIONS

EU labeling and packing:	Not applicable
Symbols:	None
REACH Compliance:	All substances in this product have been pre-registered under REACH.

U.S. FEDERAL REGULATIONS

Sara Title III Section 313 Toxic Chemical:	None
CERCLA 102(a) / DOT Hazardous Substances:	None
States Right-to-Know Requirements:	None

CALIFORNIA REGULATIONS

Prop 65:	None
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INTERNATIONAL REGULATIONS

TSCA Inventory Status:	This product, or its components, are listed on or are exempt from the Toxic Substance Control Act (TSCA) Chemical Substance Inventory.
WHMIS Classification:	Not Regulated
Canadian Inventory Status:	This product, or its components, are listed on or are exempt from the Canadian Domestic Substance List (DSL).

SECTION 16 - OTHER INFORMATION

This document is prepared pursuant to the OSHA Hazard Communication Standard (29 CFR 1910.1200). The information herein is given in good faith, but no warranty, expressed or implied is made. Consult RectorSeal for further information: (713) 263-8001