




## MATERIAL SAFETY DATA SHEET

### CLOSED CELL FOAM

#### ALWAYS USE PROPER AND CORRECT PERSONAL PROTECTION EQUIPMENT (PPE)

Section 1: IDENTIFICATION		Document Code: MSDS-004, Rev. 1.8.2
Product Identifier used on the label:	Yulex Foam, Closed Cell, Sponge, Expanded, Natural Rubber and/or Blended Polymer Closed Cell Foam (Structure). <b>BRAND NAMES may include: Lexcell, Yulex Y-Series CCF, Yulex CCF.</b>	
Other means of identification:	Foamed cis-1,4-polyisoprene. May contain blended Polymer systems and shall be identified accordingly.	
Component Level Material:	This Material may be laminated with fabrics.	
REACH Status:	NA	
Prop 65:	NA	
Recommended use of the chemical and restrictions on use:	Manufactured foamed rubber for use by third party vendors in products. No restrictions on use.	
Company:	<b>YULEX, Inc.</b> <b>10120 West Flamingo Road, Suite 4-1034</b> <b>Las Vegas, NV 89417 USA</b>	
Emergency phone number:	+1-619-904-4750 (USA)	
Email:	<a href="mailto:info@yulex.com">info@yulex.com</a>	

Section 2: HAZARD IDENTIFICATION	
Chemical classification:	None
Signal word:	None
Hazard statement:	No hazard.
Symbol:	 Health: 0 Fire: 1 Reactivity: 0
Precautionary statement:	
Statement to Physician:	When Ignited (Burned) this product could decompose to form carbon oxides – isoprene emissions are possible. Carbon oxides reduce oxygen content in the air and could have a toxic effect on cells, causing respiratory distress. Isoprene is toxic in high concentrations and can cause irritation of the mucous membranes in low concentrations and distress to the central nervous system.
Ingredient(s) of unknown toxicity:	No data available

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS			
Chemical name:	cis-1,4-polyisoprene as a foamed primary ingredient only.		
Harmonized Code:	40082930, 4016 9990 90, 4016 9310 00		
Common name and synonyms:	Foamed, Sponge, Expanded Rubber, Natural or Blended.		
CAS number and other unique identifiers:	9003-31-0 (for Predominant Polymer)		
Impurities and stabilizing additives that are classified and contribute to substance classification:			
Component	CAS Number	Classification	%W/W Composition
	NA	NA	NA

Section 4: FIRST-AID MEASURES	
Description of necessary measures:	Use Good Manufacturing Practices.
Eye contact:	Irrigate with water.
Inhalation:	Move to fresh air at once if material is combusting.
Ingestion:	Do Not Ingest.
Skin contact:	Handling of Material is not a serious health hazard and does not require special first aid facilities. Wash with warm water and mild soap.
Most important symptoms/effects, acute and delayed:	Use Good Manufacturing Practices.
Indication of immediate medical attention and special treatment needed, if necessary:	No special procedures or equipment needed.



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Section 5: FIRE-FIGHTING MEASURES	
Suitable (and unsuitable) extinguishing media:	Water, foam, carbon dioxide, all purpose (ABC) dry chemical
Specific hazards arising from the chemical:	Unprotected foam may smolder and eventually ignite if exposed to a strong enough heat source. Combustion by-products are oxides of carbon.
Special protective equipment and precautions for fire-fighters:	Use an approved, self-contained breathing apparatus.

Section 6: ACCIDENTAL RELEASE MEASURES	
Personal precautions:	Use recognized Good Laboratory and Manufacturing Practices.
Protective equipment:	Use recognized Good Laboratory and Manufacturing Practices.
Emergency procedures:	No special procedures or equipment needed.
Methods and materials for containment and cleaning up:	Use recognized Good Laboratory and Manufacturing Practices.

Section 7: HANDLING AND STORAGE	
Precautions for safe handling:	No special procedures or equipment needed. DO NOT BURN.
Conditions for safe storage, including any incompatibilities:	No special procedures or equipment needed.

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION		
Components:	Polyisoprene	NA
OSHA PEL:	NA	NA
ACGIH TLV:	NA	NA
Other exposure limit:	NA	
Appropriate engineering controls:	Use recognized Good Laboratory and Manufacturing Practices.	
Individual protection measures (e.g., PPE):	Use recognized Good Laboratory and Manufacturing Practices.	

Section 9: PHYSICAL AND CHEMICAL PROPERTIES	
Appearance (physical state, color, etc.):	Black, Grey to White colored foam material, dry to the touch.
Odor:	Minimal to no odor
Odor threshold:	No data available
pH:	No data available
Melting point/freezing point:	No data available
Initial boiling point and boiling range:	NA
Flash point:	No data available
Evaporation rate:	No data available
Flammability (solid, gas):	No data available
Upper/lower flammability or explosive limits:	No data available
Vapor pressure (mm Hg):	NA
Vapor density (Air=1):	NA
Relative density/Specific Gravity (H <sub>2</sub> O=1):	No data available
Solubility(ies):	NA
Partition coefficient: n-octanol/water	No data available
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available
Viscosity:	NA

Section 10: STABILITY AND REACTIVITY	
Reactivity:	No data available
Chemical stability	Stable
Possibility of hazardous reactions:	No data available
Conditions to avoid (e.g., static discharge, shock, or vibration):	NA
Incompatible materials:	No data available
Hazardous decomposition products:	Oxides of Carbon by combustion, Do Not Ignite.

Section 11: TOXICOLOGICAL INFORMATION	
Information on the likely routes of exposure:	No data available for inhalation, skin, or ingestion.
Symptoms related to physical, chemical and toxicological characteristics:	No data available
Delayed and immediate effect and chronic effects from short- and long-term exposure:	No data available



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Numerical measures of toxicity (such as acute toxicity estimates):	No data available
Is the hazardous chemical listed in the NTP Report on Carcinogens (latest edition)?	No data available
Or, has it been found to be a potential carcinogen in the IARC Monographs (latest edition), or by OSHA?	No data available

<b>Section 12: ECOLOGICAL INFORMATION (NON-MANDATORY)</b>	
Ecotoxicity (aquatic and terrestrial, where applicable):	Not available
Persistence and degradability:	Not available
Bioaccumulative potential:	Not available
Mobility in soil:	Not available
Other adverse effects (such as hazardous to the ozone layer):	Not available

<b>Section 13: DISPOSAL CONSIDERATIONS (NON-MANDATORY)</b>	
Safe handling:	Use recognized Good Laboratory and Manufacturing Practices.
Methods of disposal (including disposal of any contaminated packaging):	Dispose of solid material using solid waste container(s) in accordance with local regulations for disposal of non-hazardous waste.

<b>Section 14: TRANSPORT INFORMATION (NON-MANDATORY)</b>	
UN number:	None
UN proper shipping name:	None
Transport hazard class(es):	None
Packing group, if applicable:	None
Environmental hazards (e.g., Marine pollutant (Yes/No)):	No data available
Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code):	NA
Special precautions which a user needs to be aware of, or needs to comply with, in connection with transport or conveyance either within or outside their premises:	Not classified as dangerous for transport. Keep container(s) closed when not in use. Avoid excessive heat and flame.

<b>Section 15: REGULATORY INFORMATION (NON-MANDATORY)</b>	
Safety, health, and environmental regulations specific for the product:	NA

<b>Section 16: OTHER INFORMATION (INCLUDING DATE OF PREPARATION OR LAST REVISION)</b>	
Date of preparation or the last change to it:	Created, 22 December 2020,   <b>Updated May 29, 2023</b>
Current revision number:	<b>1.8.2 Change to Company address, Email and Phone Number</b>
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