

SAFETY DATA SHEET

Section 1: IDENTIFICATION	
Product Identifier used on the label:	Yulex Pure® Solid, Yulex Pure® Solid AO, Yulex Pure® Solid - FSC® certified, Yulex Pure® Solid AO – 100% FSC® Certified Coagulated Rubber, YulexPure® and YulexPrime®, Dry Solid, TX/HX/GX/SC/FX/RX/SX/SC2/TX2/KX, Yulex-CNR, Yulex-NRCx, YulexPrime Grade, CYR10000, CYR20000, CYR10FSC, CYR20FSC, YSK20000, YSK30000, ALL Names w/wo AO Package
Other means of identification:	cis-1,4-polyisoprene, CYR10FSC-SL, CYR10000, CYR20000, CYR10FSC, CYR20FSC, YSK20000, YSK30000, Coagulated Rubber, YulexPure® and YulexPrime® TX/HX/GX/SC/FX/RX/SX/SC2/TX2/KX,, Hevea Natural Rubber, Tree Rubber, Gum Rubber, Para-Rubber.
Recommended use of the chemical and restrictions on use:	Manufactured rubber for use by third party vendors in products. No restrictions on use. GRAS APPROVED.
Company:	Yulex, LLC. Corporate Headquarters 249 South Highway 101, Suite 110 Solana Beach, CA 92075 USA
Fax number:	Fax (858) 746-4214
Emergency phone number:	+1-877-629-6810 (USA)

Section 2: HAZARD IDENTIFICATION	
Chemical classification:	None
Signal word:	None
Hazard statement:	No hazard at ambient temperature.
Symbol:	Health: 0 Fire: 0 Reactivity: 1
Precautionary statement:	COMBUSTIBLE SOLID! Small quantities may cause irritation to eyes. Exposure to hot materials may cause thermal burns. Avoid high temperatures and strong oxidants. Products of thermal decomposition - toxic.
Statement to Physician:	When heated 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:	None

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS			
Chemical name:	cis-1,4-polyisoprene		
Harmonized Code:	400122 - Rubber; technically specified natural rubber (TSNR), in primary forms or in plates, sheets or strip (excluding latex and smoked sheets)		
Common name and synonyms:	Yulex Pure® Solid, Yulex Pure® Solid AO, Yulex Pure® Solid - FSC® certified, Yulex Pure® Solid AO - FSC® Certified Coagulated Rubber, YulexPure® and YulexPrime® TX/HX/GX/SC/FX/RX/SX/SC2/TX2/KX, CYR10000, CYR20000, CYR10FSC, CYR20FSC, YSK20000, YSK30000, ALL Names w/wo AO Package		
CAS number and other unique identifiers:	9003-31-0 (for Polymer)		
Impurities and stabilizing additives that are classified and contribute to substance classification:	May contain a proprietary blend of antioxidants. Specific chemical identity of composition has been withheld as a trade secret.		
	Component	CAS Number	Classification
	Antioxidant proprietary blend	NA	None
			%W/W Composition
			≤ 5%

Section 4: FIRST-AID MEASURES	
Description of necessary measures:	Eye contact: Flush eyes immediately with copious amounts of water; consult physician. Inhalation: Move to fresh air immediately. Ingestion: Do not induce vomiting; consult physician immediately . Skin contact: Wash with soap and water. If skin becomes irritated consult physician.
Most important symptoms/effects, acute and delayed:	If ingested, can cause nausea, vomiting, and gastric irritation. Prolonged exposure may irritate the skin.
Indication of immediate medical attention and special treatment needed, if necessary:	Ingestion

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 rubber 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.

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Section 6: ACCIDENTAL RELEASE MEASURES	
Personal precautions:	None
Protective equipment:	Use protective Neoprene or nitrile gloves, if needed to avoid contact with the skin.
Emergency procedures:	None
Methods and materials for containment and cleaning up:	Spills should be contained by shoveling into appropriate container(s) for disposal.

Section 7: HANDLING AND STORAGE	
Precautions for safe handling:	Avoid ingestion, contact with the eyes and skin.
Conditions for safe storage, including any incompatibilities:	Keep container(s) closed/wrapped in poly bag when not in use. Avoid excessive heat and cold. Optimal temperature shall be 68°/20° with a relative humidity of <20%RH.. Avoid freezing. Keep out of direct sunlight.

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION		
Components:	Polyisoprene	Proprietary Blend of Antioxidants
OSHA PEL:	NA	NA
ACGIH TLV:	NA	NA
Other exposure limit:	Any area of the body which has come in contact with this product should be washed with soap and water.	
Appropriate engineering controls:	Provide adequate ventilation. Use recognized Good Laboratory and Manufacturing Practices.	
Individual protection measures (e.g., PPE):	Use protective nitrile gloves, if needed to avoid contact with the skin. Use face shield, safety glasses, or goggles. If compounding with additional chemicals, use of required respirators and or dust masks maybe required. Use recognized Good Laboratory and Manufacturing Practices.	

Section 9: PHYSICAL AND CHEMICAL PROPERTIES	
Appearance (physical state, color, etc.):	Clear to creamy butter colored solid
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 ₂ 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

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:	Skin irritation
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

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Section 12: ECOLOGICAL INFORMATION (NON-MANDATORY)	
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

Section 13: DISPOSAL CONSIDERATIONS (NON-MANDATORY)	
Safe handling:	Use protective Neoprene or nitrile gloves, if needed to avoid contact with the skin.
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.

Section 14: TRANSPORT INFORMATION (NON-MANDATORY)	
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 cold. Avoid freezing.

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

Section 16: OTHER INFORMATION (INCLUDING DATE OF PREPARATION OR LAST REVISION)	
Date of preparation or the last change to it:	Created, 9 September 2015, Revised October 30, 2018
Current revision number:	1.2.01 Change to contact phone numbers and added corporate address in California. Additional Product Brand Names, Part Numbers and Nomenclatures. Proprietary Antioxidant Disclosures.
Other information:	The information contained herein is based on data considered to be accurate which has been obtained from other companies and organizations. Yulex Pure LLC make no warranty or representation that the information is accurate, complete or representative and the Buyer may only rely or use this information at the Buyer's own risk. This data in no way modifies amends or enlarges any specification or warranty. Yulex, LLC, its parent companies or subsidiaries accept no responsibility for use of this material whatsoever or resulting misuse, application, broadcast, claims or derivative products.