



## EDATHALA POLYMERS PVT LTD

North Edathala P.O, Aluva, Kerala, INDIA

# MATERIAL SAFETY DATA SHEET

### SECTION I: PRODUCT IDENTIFICATION

**Identity:** Natural Rubber (ISNR 20)

**Chemical Name:** Cis 1,4 Polyisoprene

**Company:** Edathala Polymers Pvt Ltd

North Edathala P.O, Aluva, Kerala, India - 683 564

Tel # +91-484-2837302, 2838981, 3295494

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**For Information Call:** +91 9446596268

**Date Prepared:** 01, October 2005

### SECTION II: HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous Components:	CAS No.	Wt.% OSHA PEL	ACGIH TLV
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### SECTION III: PHYSICAL/CHEMICAL CHARACTERISTICS

**Boiling Point:** NA

**Specific Gravity(H<sub>2</sub>O=1):** 0.93

**Vapor Pressure (mm Hg):** NA

**Vapor Density (Air=1):** NA

**Melting Point:** NA

**Solubility in Water:** Insoluble

**Percent Volatile by Volume:** <1.0

**Evaporation Rate:** NA

**Appearance and Odor:** Amber to dark brown; slight

EPL/QC/MSDS/TSNR-001



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### SECTION IV: FIRE AND EXPLOSION HAZARD DATA

**Flash Point (method):** NA

**Flammable Limits:** LEL-NA UEL-NA

**Extinguishing Media:** Water, Foam, CO<sub>2</sub>, and All Purpose (ABC) Dry Chemicals.

**Special Fire Fighting Procedures:** Use an approved, self contain breathing apparatus.

**Unusual Fire and Explosion Hazards:** When exposed to flame, emits Acrid fumes – No explosive Hazards expected

	<u>Health</u>	<u>Fire</u>	<u>Reactivity</u>
<b>NFPA Rating</b>	<b>0</b>	<b>1</b>	<b>0</b>

Hazard Rating; 0= Insignificant, 2=Moderate, 3=High, 4=Extreme

### SECTION V: REACTIVITY DATA

**Stability:** Stable

**Conditions to Avoid:** NA

**Incompatibility (materials to avoid):** None known, none expected

**Hazardous Decomposition or By products:** Oxides of Carbon by combustion (when dry and unprotected).

**Hazardous Polymerization:** Will not occur



## **MATERIAL SAFETY DATA SHEET**

### **SECTION VI: HEALTH HAZARD DATA**

**Route(s) of Entry:** Dermal Contact

**Health Hazards (Acute and Chronic):** NO effect. This material is a naturally occurring high molecular weight polymer

**Carcinogenicity:** NTP - No; IARC Monographs - No; OSHA Regulated – No

**Signs and Symptoms of Exposure:** NA

**Medical Conditions Generally Aggravated by Exposure:** NA

**Emergency and First Aid Procedures:** No harmful effects expected; consequently, no emergency care is anticipated.

### **SECTION VII: PRECAUTIONS FOR SAFE HANDLING AND USE**

**Steps to be taken in case material is released or spilled:** Sweep, vacuum, or shovel material into a container for disposal or re-use

**Waste Disposal Method:** Incinerate or dispose of in accordance with local regulations for disposal of non-hazardous waste. (can be reprocessed)

**Precautions to be taken in Handling and Storing:** Keep away from excessive heat and open flame.

**Other Precautions:** Use caution when unloading and unpacking crates, product will bounce.

### **SECTION VIII: CONTROL MEASURES**

**Respiratory Protection (Specify Type):** NA

**Protective Gloves:** NA

**Eye Protection:** NA

**Other Protective Clothing or Equipment:** NA

**Work/Hygienic Practices:** NA

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