



**C H E M I C A L**

**140 E. Ascot Ln., Cuyahoga Falls, Ohio**

**44223**

## **MSDS**

Emergency Phones: CHEMTREC 1-800-424-9300      HB Tel: 330-920-8023

<b>NFPA</b>	<b>HCS Risk Phrases</b>	<b>Protective Clothing</b>
	Health 60 Flammability-1 Reactivity 60 Special Hazard -0	Safety Goggles, Lab Coat, Gloves (particularly for thermal protection when material is hot)

### **Section 1      Chemical Product and Company Identification**

Common Name/Trade Name: Polyisoprene

Chemical Name: SKI-3, SKI-3-S, SKI-3-S AZ

Chemical Family: Polymers

Synonym: IR

Chemical : Cis 6 1, 4 - Polyisoprene

### **Section 2      Composition and Information on Ingredients**

<b>Ingredients</b>	<b>CAS#</b>	<b>% Weight</b>	<b>TLV/PEL</b>
Polyisoprene      (Non Hazardous)	9003-31-0		

### **Section 3      Hazards Identification**

*Emergency Overview      NOTICE!*

If the material is exposed to open heat (excessive) or flame it will burn.

There is no applicable odor

Primary Routes of Entry : Skin (Dermal), No other exposure risks except with inhalation of burning material. No long term exposure risks.

### **Section 4      First Aid Measures**

Eye: Rinse with lots of water. If irritation persists seek medical attention

Skin: Wash with Soap and water. No expected issues with handling this polymer

Inhalation: Only an issue with handling hot polymer, remove to fresh air

Ingestion: No expected problems with Ingesting IR.
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<b>Section 5 Fire and Explosion Data</b>
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Flammability:
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Auto-Ignition Temperature: N/E
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Flash Point: (Closed cup) NA
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Flammable Limits: N/E
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Fire Fighting Media and Instructions	SMALL FIRE: Water, Dry Chemical (all purpose), CO <sub>2</sub> , foam LARGE FIRE: same as above
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Fire Hazards: when exposed to thermal decomposition products may be a health risk, wear self contained breathing apparatus. Open flames can emit acid fumes and/or smoke
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Other Substances:
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Combustion Products: NA
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Explosion Hazards: NA
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Special Remarks: NA NFRA Rating: 1 ó Health, 1-fire, 0-reactivity
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<b>Section 6 Accidental Release Measures</b>
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Small Spill: sweep or shovel up, re-use material, or dispose of according to local/state regulations
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Large Spill: same as above
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<b>Section 7 Handling and Storage</b>
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Precaution:
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Storage: Keep container closed. Suitable for general storage areas. Isolate from incompatible materials.
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<b>Section 8 Exposure Controls/Personal Protection</b>
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Engineering Controls: When material is heated observe Occupational Exposure limits of 3 mg/M <sup>3</sup> .
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Personal Protection: In normal use protective clothing and equipment not needed
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Personal Protection Large Spill: Same
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Exposure Limits: NA
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<b>Section 9 Physical and Chemical Properties</b>
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Physical State: White/yellow solid	Odor: NA
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Molecular Weight: NA	Taste: NA
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Boiling Point: NA	Melting Point: NA
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Critical Temperature: NA	Specific Gravity: .91
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Vapor Pressure: NA	Vapor Density: NA
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Volatility: .5 max by volume	Odor Threshold: NA
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Evaporation rate: NA	Viscosity: NA
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Water/Oil Coeff.: NA	Iosicity (water): NA
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Dispersion: NA
Solubility: Insoluble

### **Section 10 Stability and Reactivity Data**

Instability: material is stable
Temperatures:
Conditions:
Incompatibles: None known
Reactivity: NA
Corrosivity: NA
Special Remarks: Hazardous Decomposition of Carbon Monoxide and Carbon dioxide present

### **Section 11 Toxicological Information**

Routes of Entry: NA
Chronic Effects: NA
1. Special remarks:
2. Special remarks:
3. Special remarks:
Toxicity to Animals: NA
Special remarks:

### **Section 12 Ecological Information**

Ecotoxicity: NA
BOD5 and COD: NA
Biodegradation: NA
Toxicity: NA
Remarks: NA

### **Section 13 Disposal Consideration**

Disposal ó follow guidelines in accordance with environmental regulations.
Waste storage: NA
Waste type: NA
Material is not a hazardous waste and can be disposed of according to 40CFR 21.24
<b>NOTE: Changing regulations suggest you always consult your local, county, state &amp; federal agency for latest, proper, disposal.</b>

### **Section 14 Transportation Information**

DOT Classification: NA
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Shipping Name: Rubber Synthetic Crude. NMFC 171800
Provisions for Transport: NA
DOT Number: NA
Packing Group:NA
Reportable Quantity: NA

<b>Section 15 Other Regulatory Information</b>
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Governing Regulations (USA): This material does not contain SARA S-313 Chemicals
TCSA (USA): This material is included int the TCSA inventory
Other Classification:
WHMIS (Canada): None
DSL (Canada): This material is listed in the DSLinventory
DSCL (EEC):
HMIS (USA):
Health Hazard:             1
Fire Hazard:               1
Reactivity:                 0
Personal Protection: