



## Safety Data Sheet (SDS)

Revision 1 / Review Date: 3/05/2020

### 1. Chemical Product and Company Identification

Product Name: Sir 20, SIR 10 Sir-CV60,SMR-CV60,SVR-CV60,SVR-3L ,SMR-CV60  
TP& RSS

Distributed By: HB Chemical  
1665 Enterprise Parkway  
Twinsburg Oh 44087  
Phone - 330-920-8023

MSDS Prepared By (w Suppliers Input): HB Chemical

Chemical Name / Family: Natural Rubber/Cis 1, 4 Poly Isoprene

CAS Number: 9003-31-0

OSHA Status: Not Hazardous

REACH Registration No: N/A The Natural Rubber products do not contain any of the materials on the SVHC candidate list, nor require obligation to be registered under REACH. The natural rubber products are compliant with the European Environmental Guidelines.

For emergency health, safety, and environmental information, calls 330-920-8023  
For emergency transportation information, in the United States: call CHEMTREC at 800-424-9300

### 2. Hazard(s) Identification

Emergency Overview: No known OSHA hazards.

General Advice: This product is classified as "articles" and to not constitute a hazardous material in solid form under the definitions of the OSHA hazard communication Standard (29CFR1910.1200). Any articles manufactured from these solid products would be generally classified as non-hazardous.

Inhalation: May be harmful if inhaled. Seek medical advice.

Health Effects: May cause allergic reaction to persons with natural latex rubber Sensitivity.

### 3. Composition / Information on Ingredients

CAS # 9003-31-0

Chemical name: Cis 14 Polyisoprene

ACGIH TLV:

Constant Viscosity (CV) Grades only. Grades not recommended for use with foodstuffs or pharmaceutical goods.

#### **4. First Aid Measures**

Inhalation:

May be harmful if swallowed seek medical advice.

Eyes:

Irrigate with water.

Skin:

Wash with warm water and mild soap.

Ingestion:

May be harmful if swallowed. Seek medical advice.

General Advise:

May cause allergic reaction to persons with natural latex rubber sensitivity. Handling of solid rubber is not a serious health hazard and does not require special first aid facilities. If in doubt, seek medical attention.

#### **5. Fire-Fighting Measures**

Flammability:

Yes

Flammability conditions:

Heat, Oxidation  
Flash point and Method > 300C  
Auto Ignition Temperature > 300 C

Suitable Extinguishing Media:

Sprinkle Installation (water), ABC Dry Chemical Extinguisher.

FLASHPOINT AND METHOD:

>300°C

AUTO IGNITION TEMPERATURE:

>300°C

TDG FLAMMABILITY CLASSIFICATION:

UNKNOWN

HAZAROUS COMBUSTION PRODUCTS:

Carbon Monoxide and Carbon Dioxide

EXPLOSIVE POWER:

UNKNOWN

SENSITIVITY TO STATIC DISCHARGE:

UNKNOWN

#### **6. Accidental Release Measures**

PERSONAL PRECAUTIONS:

Avoid breathing vapours, mist or gas. Ventilate if possible.

PRODUCT PRECAUTION:

Normal methods for prevention of fire are required.

PERSONAL PROTECTION:

Wear appropriate protective clothing, gloves and when processing.

<u>ENVIRONMENTAL PERCAUTIONS:</u>	Ventilate if possible. Do not allow products to enter drains or water
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### 7. Handling and Storage:

<u>SPILL OR LEAK PRECAUTIONS:</u>	Collect spilled material by sweeping up solid powder and disposing by law.
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<u>WASTE DISPOSAL:</u>	Keep in suitable container for disposal. Follow local laws for reclaim in needed.
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<u>STORAGE REQUIREMENTS:</u>	Keep out of direct sunlight, in a dry and well ventilated area Keep away from oxidation-catalysts.
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### 8. Exposure Controls / Personal Protection

<u>EXPOSURE GUIDELINES:</u>	N/A
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<u>ENGINEERING CONTROLS</u>	N/A
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<u>PERSONAL PROTECTION:</u>	Wear appropriate protective clothing, gloves and equipment when processing.
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### 9. Physical and Chemical Properties

<u>PHYSICAL STATE:</u>	Solid
<u>APPEARANCE:</u>	Varied by grade
<u>ODOR:</u>	Slight
<u>EVAPORATION RATE:</u>	N/A
<u>SPECIFIC GRAVITY:</u>	0.92
<u>BOILING POINT:</u>	N/A
<u>VAPOR PRESSURE:</u>	N/A
<u>VISCOSITY cPs (25°C):</u>	Solid
<u>SOLUBILITY IN WATER:</u>	Insoluble
<u>pH (AQUEOUS SUSPENSION 100 g/L):</u>	N/A

### 10. Stability and Reactivity

<u>CHEMICAL STABILITY:</u>	Yes Product is in solid form.
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<u>CONDITIONS TO AVOID:</u>	Extreme heat/open flame
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<u>INCOMPATABILITY TO OTHER SUBSTANCES:</u>	Heavy metals (Cu) acting as pre-oxidants.
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<u>REACTIVITY AND UNDER WHAT CONDITIONS:</u>	Starts to decompose above 200°C, finally emitting vapours which may be toxic and flammable at temperatures near 300°C
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<u>HAZARDOUS DECOMPOSITION PRODUCTS:</u>	Isoprene derivatives: Carbon Monoxide .
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### 11. Toxicological Information

<u>ROUTE OF ENTRY:</u>	Ingestion
<u>AFFECTS OF ACUTE EXPOSURE TO PRODUCT:</u>	Unknown, but avoid ingestion.
<u>EFFECTS OF CHRONIC EXPOSURE TO PRODUCT:</u>	Unknown, but avoid ingestion.
<u>LD50 OF PRODUCT (ROUTE):</u>	Unknown
<u>IRRITANCY OF PRODUCT:</u>	Unknown
<u>EXPOSURE LIMITS OF PRODUCT:</u>	Unknown

### 12. Ecological Information

<u>ENVIRONMENTAL DATA</u>	This material has not been evaluated for environmental effects.
<u>DEGRADABILITY:</u>	Natural rubber is a biodegradable product.

### 13. Disposal Considerations

Reclaim or Dispose of material in accordance with all applicable local, state, and federal regulations.

Do not allow to enter drains or water ways.

### 14. Transport Information

<u>D.O.T. Shipping Name</u>	Not regulated
<u>Air - ICAO (international Civil Aviation Organization)</u>	Not regulated
<u>Sea - IMDG (International Maritime Dangerous Goods)</u>	Not regulated
<u>Note:</u>	Care must be taken to secure in transit due to weight.

### 15. Regulatory Information

Standards and regulatory information can be found at: <http://www.astm.org/Standards/rubber-standards.html>

### 16. Other Information

The above information has been compiled from what we believe to be credible sources. To our knowledge the information is accurate and reliable, however, it is not guaranteed. Any recommendations issued by HB Chemical personnel or literature is derived from experience and by no means should be taken as fact or construed as a recommendation to violate of any law, regulation or patent. It is the user's responsibility to determine the suitability of any HB supplied material in their application. The individual conditions of each customer are well outside of our control and we cannot be held liable for its functionality and use. Please contact our office should you need specific information beyond what is supplied above. As with all Chemical usage safety precautions beyond the stated are highly recommended.