1. Chemical Product and Company Identification

Product Name: Sir 20, Sir-CV60, SMR-CV60, SVR-CV-60 & 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

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: Handling of solid rubber is not a serious health hazard and does not require special first aid facilities. If in doubt, seek medical attention.

Medical Conditions Generally Aggravated by Exposure:

Eye Contact: Irrigate with water.
Skin Contact: Wash with warm water and mild soap.
Ingestion: May be harmful if swallowed. Seek medical advice.
Inhalation: May be harmful if inhaled. Seek medical advice.

3. Composition / Information on Ingredients

Hazardous Ingredients: Hydroxylamine : <0.01
CAS # 9003-31-0
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.

5. Fire-Fighting Measures

Flammability: Yes

Flammability conditions: Heat, Oxidation

Suitable Extinguishing Media: Sprinkle Installation (water), ABC Dry Chemical Extinguisher.

FLASHPOINT AND METHOD: >300˚C

UPPER EXPLOSION LIMIT: UNKNOWN

LOWER EXPLOSION LIMIT: UNKNOWN

AUTO IGNITION TEMPERATURE: >300˚C

TDG FLAMMABILITY CLASSIFICATION: UNKNOWN

HAZARDOUS COMBUSTION PRODUCTS: Carbon Monoxide

RATE OF BURNING: Varies

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.

7. Handling and Storage:

SPILL OR LEAK PRECAUTIONS: Collect spilled material by sweeping up solid powder and disposing by law.
WASTE DISPOSAL: Keep in suitable container for disposal. Follow local laws for reclaim in needed.

STORAGE REQUIREMENTS: Keep out of direct sunlight, in a dry and well ventilated area. Keep away from oxidation-catalysts.

8. Exposure Controls / Personal Protection

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 equipment when processing.

9. Physical and Chemical Properties

PHYSICAL STATE: Solid

APPEARANCE: Varied by grade

ODOR: Slight

EVAPORATION RATE: N/A

SPECIFIC GRAVITY: 0.92

BOILING POINT: N/A

VAPOR PRESSURE: N/A

VISCOSITY cPs (25°C): Solid

SOLUBILITY IN WATER: Insoluble

pH (AQUEOUS SUSPENSION 100 g/L): N/A

10. Stability and Reactivity

CHEMICAL STABILITY: Yes

INCOMPATABILITY TO OTHER SUBSTANCES: Heavy metals (Cu) acting as pre-oxidants.

REACTIVITY AND UNDER WHAT CONDITIONS: Starts to decompose above 200°C, finally emitting vapours which may be toxic and flammable at temperatures near 300°C

HAZARDOUS DECOMPOSITION PRODUCTS: Isoprene derivatives: Carbon Monoxide.

11. Toxicological Information

ROUTE OF ENTRY: Ingestion
AFFECTS OF ACUTE EXPOSURE TO PRODUCT: Unknown, but avoid ingestion.

EFFECTS OF CHRONIC EXPOSURE TO PRODUCT: Unknown, but avoid ingestion.

LD50 OF PRODUCT (ROUTE): Unknown

IRRITANCY OF PRODUCT: Unknown

EXPOSURE LIMITS OF PRODUCT: Unknown

12. Ecological Information

This material has not been evaluated for environmental effects.

13. Disposal Considerations

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

14. Transport Information

D.O.T. Shipping Name Not regulated

Air - ICAO (International Civil Aviation Organization) Not regulated

Sea - IMDG (International Maritime Dangerous Goods) Not regulated

Note: 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.