



Safety Data Sheet (SDS)

Revision / Review Date: 6/10/15

1. Chemical Product and Company Identification

Product Name:	HB 73-5
Distributed By:	HB Chemical 1665 Enterprise Parkway Twinsburg Oh 44087 Phone - 330-920-8023
SDS Prepared By (w Suppliers Input):	HB Chemical
Chemical Name / Family:	Acrylonitrile-butadiene copolymer with polyvinyl chloride/ Nitrite polymer blend
Molecular Formula:	Not available
Molecular Weight via GPC, Mn:	Not available
Product Use:	Synthetic Polymers, Rubber Mixing
OSHA Status:	Non Hazardous
CAS No:	9003-18-3, 9002-86-2

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

<u>GHS Classification:</u>	Does not meet the criteria for GHS classification.
<u>GHS Signal Word:</u>	None.
<u>GHS Label Elements:</u>	None.
<u>Summary of Hazards:</u>	This product has not been tested as supplied to our customer. Based on normal industrial hygiene practices, this product is not expected to cause significant health hazards.
<u>Health Hazards:</u>	Processing vapors or dust may cause eye, skin, or respiratory tract irritation
<u>Physical Hazards:</u>	If the final product is in pellet form, grounding/proper bonding procedures should be implemented to avoid hazards associated with possible static charges during handling.
<u>Hazard Overview:</u>	This product has not been tested as supplied to our customer. Based on normal industrial hygiene practices, this product is not expected to cause significant health hazards.
<u>Indication of Immediate Medical Attention and Special Treatment Needed, If Necessary:</u>	Seek Medical Attention if any persistent rash or symptoms occur.

<u>Signs and Symptoms of Exposure:</u>	Not available.
<u>Primary Routes of Entry:</u>	Eyes, Skin, or Inhalation.
<u>Medical Conditions Generally Aggravated by Exposure:</u>	None known.
<u>Eye Contact:</u>	Can cause irritation to the eyes.
<u>Skin Contact:</u>	Can cause irritation to the skin.
<u>Ingestion:</u>	Can cause irritation to the digestive tract.
<u>Inhalation:</u>	Can cause irritation to the respiratory tract.
<u>HMIS Hazard Ratings:</u>	Health- 1, Flammability - 1, Physical – 1, PPE-B
<u>HMIS limitation statement:</u>	The HMIS hazard ratings numbers are meant to give a quick indication of the relative hazards associated with the product. All of the information contained in the SDS should be consulted to assist with the safe handling of this material.
<u>Principal Hazardous Components:</u>	ACGIH: 10 mg/m ³ (total dust), 3 mg/m ³ (respirable fraction) OSHA PEL: 15 mg/m ³ (total dust), 5 mg/m ³ (respirable fraction)

3. Composition / Information on Ingredients

Weight Percent / Typical	Component Identity	CAS Registry Number
70%	Acrylonitrile-butadiene copolymer	9003-18-3
30%	Polyvinyl chloride	9002-86-2

4. First Aid Measures

<u>Inhalation:</u>	Remove to fresh air. Rest in a comfortable position. Seek medical attention if feeling unwell.
<u>Eyes:</u>	Rinse continuously with plenty of water. Remove contact lens if easy to do. Seek medical attention if irritation persists.
<u>Skin:</u>	Wash off immediately with plenty of soap and water. Seek medical advice in case of irritation.
<u>Ingestion:</u>	Seek medical attention. Call a POISON CENTER or physician if you feel unwell.

5. Fire-Fighting Measures

<u>Suitable Extinguishing Media:</u>	Water Spray, Dry Chemical, Carbon Dioxide CO ₂ , Foam.
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<u>Special Fire Fighting Procedures:</u>	Wear a self-contained breathing apparatus (SCBA) in positive pressure mode and full fire-fighting protective gear.
<u>Hazardous Combustion Products:</u>	This product will decompose under extreme temperatures forming oxides of carbon and nitrogen. It can also produce toxic/corrosive gases under decomposition conditions.
<u>Unusual fire and explosion hazards:</u>	Toxic fumes may develop.

6. Accidental Release Measures

<u>Steps to be taken in case material is spilled:</u>	Persons handling this material should wear protective. Sweep up by mechanical means. Avoid dust formation.
<u>Environmental Disposal Information:</u>	Do not allow product to enter drains, sewers, water courses, or soil.
<u>Waste Disposal:</u>	Put into proper containers and dispose of in accordance with all local, state and federal regulations.

7. Handling and Storage:

<u>Empty Containers:</u>	Not available.
<u>Precautions to be taken in handling:</u>	Persons handling should wear protective equipment. Good housekeeping and hygienic practices should be observed.
<u>Storage:</u>	Store in a cool, dry environment in original sealed packaging. Avoid exposure to direct sunlight and high temperatures. Avoid flames, sparks, hot surfaces, static charges and other sources of ignition and store away from strong acids, oxidizers, amines and strong bases.

8. Exposure Controls / Personal Protection

<u>Exposure Controls:</u>	ACGIH: 10 mg/m ³ (total dust), 3 mg/m ³ (respirable fraction) OSHA PEL: 15 mg/m ³ (total dust), 5 mg/m ³ (respirable fraction)
<u>Respiratory Protection:</u>	NIOSH approved respiratory protection if exposures are above applicable limits.
<u>Ventilation:</u>	Ventilation may be required to keep exposure to airborne contaminants below the exposure limits.
<u>Hand Protection:</u>	Wear gloves.
<u>Eye Protection:</u>	Safety glasses with side shields.

<u>Skin and Body Protection:</u>	Wear long sleeves, pants, and impervious gloves to prevent skin contact. Wash thoroughly after handling.
<u>General Hygiene Considerations:</u>	Wash after handling product. After work, clothes must be changed and washed before reuse. Do not smoke, eat, drink or use alcohol while handling product.
<u>Decontamination Facilities:</u>	Eye bath, washing facilities (sinks / showers).

9. Physical and Chemical Properties

<u>Physical Form:</u>	Solid (Slabs)
<u>Appearance & Odor:</u>	Amber / Characteristic
<u>Specific Gravity:</u>	1.09
<u>Softening Point, R&B:</u>	Not available.
<u>Solubility in Water:</u>	Insoluble
<u>Flash Point, TAG CC F:</u>	Not available.
<u>Percent Volatiles (by weight):</u>	Not available.
<u>Evaporation Rate (Water ~ I):</u>	Not available.
<u>Vapor Pressure (mm Hg):</u>	Not available.
<u>Vapor Density (Air ~ I):</u>	Not available.
<u>Boiling Point (°F) Initial:</u>	Not available.
<u>Auto ignition Temperature, °C:</u>	Not available.
<u>Flammable Limits, %(V):</u>	Not available.

10. Stability and Reactivity

<u>Stability:</u>	This product is stable under normal conditions.
<u>Incompatibility (Materials to Avoid):</u>	Material reacts with strong oxidizers and bases.
<u>Conditions to Avoid:</u>	Keep away from extreme heat.
<u>Hazardous Polymerization:</u>	Hazardous polymerization will not occur.
<u>Hazardous Decomposition Products:</u>	Carbon Oxides.

11. Toxicological Information

This material is not listed as a carcinogen or potential carcinogen by NTP, IARC, or OSHA.

<u>Listed as Carcinogens:</u>	This product is not classified as a carcinogen under GHS criteria, however it may contain materials which are carcinogens or suspected carcinogens.
<u>OSHA Permissible Exposure Limit:</u>	15 mg/m3 (total dust), 5 mg/m3 (respirable fraction)
<u>ACGIH Threshold Limit Value:</u>	10 mg/m3 (total dust), 3 mg/m3 (respirable fraction)

12. Ecological Information

No data available.

13. Disposal Considerations

Dispose of product or empty containers in accordance with local, state and federal regulations.

14. Transport Information

<u>D.O.T. Shipping Name:</u>	Not regulated.
<u>Air - ICAO (international Civil Aviation Organization):</u>	Not regulated.
<u>CANADA TRANASPORT HAZ.GOODS:</u>	Not restricted.
<u>Sea - IMDG (International Maritime Dangerous Goods):</u>	Not regulated.
<u>US CUSTOMS:</u>	HARMONIZED TARIFF CODE: 4002.59.00.00

15. Regulatory Information

All components of this material are on the TSCA Inventory.

All components of this material are on the Canadian DSL.

California Director's List of Hazardous Substances: This material is not regulated/listed by the state of California. It contains the following listed materials.

U.S. State Right to Know Regulations

If no X's appear in chart, then there are no reportable materials.

CAS No.	New Jersey	Massachusetts	Pennsylvania
9002-86-2	X		

OSHA: Not considered hazardous.

SARA TITLE III 311/312 CATEGORIES: Not Listed.

SARA TITLE III 313 Reportable ingredients: None.

<u>CERCLA RQ:</u>	Not Determined.
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<u>CANADA WHMIS HAZARD SYMBOL AND CLASS:</u>	Not Regulated.
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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 users 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.