



Safety Data Sheet (SDS)

Revision / Review Date: 6/18/15

1. Chemical Product and Company Identification

Product Name:	RNC-710
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:	CNSL modified phenolic resin
Molecular Formula:	Not available
Molecular Weight via GPC, Mn:	Not available
Product Use:	Resins
OSHA Status:	Not available
CAS No:	9003-35-4, 108-95-2, 50-00-0

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

Classification of the mixture: Skin Sens. 1B, H317

Hazard pictograms:

GHS07



Signal word:

Warning

Hazard statements:

May cause an allergic skin reaction.

Precautionary:

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid breathing dust/fume/gas/mist/vapors/spray. Wash hands thoroughly after handling. Do not eat drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Contaminated work clothing should not be allowed out of the workplace. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection. Use personal protective equipment as required.

Response:

Immediately call a PISON CENTER or doctor physician. Wash with plenty of soap and water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If exposed or

concerned: Get medical advice/attention. Wash contaminated clothing before reuse.

Storage:

Store locked up.

Disposal:

Dispose of in accordance with federal, state and local/regional/national/international regulations.

Other hazards:

No additional information available

Signs and Symptoms of Exposure:

Not available.

Primary Routes of Entry:

Not available.

Medical Conditions Generally Aggravated by Exposure:

None known.

Eye Contact:

Can cause irritation.

Skin Contact:

Can cause irritation. Can have allergic reaction causing a rash.

Ingestion:

Can cause gastrointestinal irritation.

Inhalation:

Can cause irritation.

HMIS Hazard Ratings:

Not available.

HMIS limitation statement:

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.

Principal Hazardous Components:

Not available.

3. Composition / Information on Ingredients

Substance name	CAS No.	Conc.(%)
CNSL modified phenolic resin	67700-42-9	100

4. First Aid Measures

Inhalation:

When safe to enter area, remove from exposure. Use a bag valve mask or similar device to perform artificial respiration (rescue breathing) if needed. Keep warm and at rest. Get medical attention immediately.

Eyes:

Wash eyes immediately with large amounts of water, occasionally lifting upper and lower lids, until no evidence of chemical remains. Continue irrigating with normal saline until ready to transport to hospital. Cover with sterile bandages. Get medical attention immediately.

<u>Skin:</u>	Remove contaminated clothing, jewelry, and shoes immediately. Wash with soap or mild detergent and large amounts of water until no evidence of chemical remains (at least 15-20 minutes). For burns, cover affected area securely with sterile, dry, loose-fitting dressing. Get medical attention immediately.
<u>Ingestion:</u>	Contact local poison control center or physician immediately. Never make an unconscious person vomit or drink fluids. When vomiting occurs, keep head lower than hips to help prevent aspiration. If person is unconscious, turn head to side. Get medical attention immediately.
<u>Notes to Physician:</u>	For inhalation, consider oxygen. For ingestion, consider gastric lavage and activated charcoal slurry.

<u>5. Fire-Fighting Measures</u>	
<u>Suitable Extinguishing Media:</u>	Regular dry chemical, carbon dioxide, water, regular foam. Large fires: Use regular foam or flood with fine water spray.
<u>Special Fire Fighting Procedures:</u>	Move container from fire area if it can be done without risk. Do not scatter spilled material with high-pressure water streams. Dike for later disposal. Use extinguishing agents appropriate for surrounding fire. Avoid inhalation of material or combustion by-products. Stay upwind and keep put of low areas.
<u>Hazardous Combustion Products:</u>	None known.
<u>Unusual fire and explosion hazards:</u>	Slight rare hazard.

<u>6. Accidental Release Measures</u>	
<u>Steps to be taken in case material is spilled:</u>	Collect spilled material in appropriate container for disposal. Keep out of water supplies and sewers. Keep unnecessary people away, isolate hazard area and deny entry.
<u>Environmental Disposal Information:</u>	Do not let material enter waterways.
<u>Waste Disposal:</u>	Reclaim or dispose of in accordance with local, state, and federal regulations.

<u>7. Handling and Storage:</u>	
<u>Empty Containers:</u>	Not available.
<u>Precautions to be taken in handling:</u>	Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Use with adequate ventilation.

Minimize dust generation and accumulation. Avoid contact with skin and eyes. Avoid ingestion and inhalation.

Storage:

Store in accordance with all current regulations and standards. Keep separated from incompatible substances.

8. Exposure Controls / Personal Protection

Engineering Controls:

Provide local exhaust or process enclosure ventilation system. Ensure compliance with applicable exposure limits.

Respiratory Protection:

NIOSH approved organic vapor respirator in accordance with 29 CFR 1910.134 if recommended PEL is exceeded.

Ventilation:

Provide local exhaust.

Hand Protection:

Wear gloves.

Eye Protection:

Wear splash resistant safety goggles with a face shield.

Skin and Body Protection:

Wear appropriate protective gloves to prevent skin exposure. Wear appropriate chemical resistant clothing.

Other Precautions:

Wash with soap and water before eating, drinking or using toilet facilities. Launder contaminated clothing before reuse.

Decontamination Facilities:

Eye bath, washing facilities (sinks / showers).

9. Physical and Chemical Properties

Physical Form:

Solid

Appearance & Odor:

Reddish Brown

Specific Gravity:

1.11-1.21 g/cm³ (25°C)

Softening Point, R&B:

85-95°C

Solubility in Water:

Not available.

Flash Point, TAG CC F:

Not available.

Percent Volatiles (by weight):

Not available.

Evaporation Rate (Water ~ I):

Not available.

Vapor Pressure (mm Hg):

Not available.

Vapor Density (Air ~ I):

Not available.

Boiling Point (°F) Initial:

Not available.

Auto ignition Temperature, °C:

Not available.

Flammable Limits, %(V):

Not available.

10. Stability and Reactivity

Chemical Stability:

Stable when stored at room temperature in closed, original container. Stable under normal conditions of handling, use and transportation.

Incompatibility (Materials to Avoid):

Halogens, bases, combustible materials, metals, oxidizing materials, acids, halo carbons.

Conditions to Avoid:

Avoid heat, flames, sparks and other sources of ignition. Avoid contact with incompatible materials.

Hazardous Polymerization:

Hazardous polymerization will not occur.

Hazardous Decomposition Products:

Thermal decomposition products or contact with acids: Phenols, aldehydes, ammonia. Thermal decomposition products: Phenols, oxides of carbon, nitrogen, aldehydes, aromatics, alcohols.

11. Toxicological Information

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

OSHA Permissible Exposure Limit:

Not available.

ACGIH Threshold Limit Value:

Not available.

Acute toxicity:

Not classified.

Skin corrosion/irritation:

Not irritating.

Serious eye damage/irritation:

Not irritating.

Respiratory or skin sensitization:

May cause an allergic skin reaction.

Germ cell mutagenicity:

Not classified.

Carcinogenicity:

Not classified.

Reproductive toxicity:

Not classified.

Specific target organ toxicity (single exposure):

Not classified.

Specific target organ toxicity (repeated exposure):

Not classified.

Aspiration hazard:

Not classified.

12. Ecological Information

<u>Toxicity:</u>	No additional information available.
<u>Persistence and degradability:</u>	No additional information available.
<u>Bio accumulative potential:</u>	No additional information available.
<u>Mobility in soil:</u>	No additional information available.
<u>Results of PBT and vPvB assessment:</u>	No additional information available.
<u>Other adverse effects:</u>	No additional information available.

13. Disposal Considerations

<u>Waste treatment methods:</u>	Material should be disposed of in accordance to current local and national regulations. Contacting a waste disposal service is recommended.
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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>UN number:</u>	Not regulated for transport.
<u>UN proper shipping name:</u>	Not applicable.
<u>Transport hazard class(es):</u>	Not applicable.
<u>Packing group:</u>	Not applicable.
<u>Environmental hazards:</u>	Not applicable.
<u>Special Precautions for user:</u>	Not applicable.
<u>Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:</u>	Not applicable.

15. Regulatory Information

U.S.A. Regulations:

<u>TSCA inventory status:</u>	Yes
<u>TSCA 12(b) export notification:</u>	Not listed.
<u>CERCLA section 103 (40CFR302.4) :</u>	No

<u>Sara section 302 (40CFR355.30) :</u>	No
<u>Sara section 304 (40CFR355.40) :</u>	No
<u>Sara section 313 (40CFR372.65) :</u>	No
<u>Sara hazard categories, Sara section 311/312 (40CFR370.21):</u>	
Acute :	Yes
Chronic :	No
Fire :	No
Reactive :	No
Sudden release :	No
<u>OSHA process safety (29CFR1910.119) :</u>	No
<u>State regulations:</u>	
<u>California proposition 65 :</u>	No

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.