



## Safety Data Sheet (SDS)

Revision / Review Date: 5/27/2015

### 1. Chemical Product and Company Identification

Product Name:	Hydrotac 595
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:	Petroleum Hydrocarbon Resin /C5 Resin
CAS No.:	64742-16-1
Product Use:	Adhesives / Coatings / Rubber
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

<u>Signs and Symptoms of Exposure:</u>	May be harmful if inhaled or swallowed. Prolonged or repeated contact may dry the skin and cause irritation and burns.
<u>Primary Routes of Entry:</u>	Skin, eyes, inhalation of oil mist if the product is aerosol.
<u>Medical Conditions Generally Aggravated by Exposure:</u>	
<u>Eye Contact:</u>	May cause mild eye irritation. Symptoms include stinging, tearing and redness.
<u>Skin Contact:</u>	May cause mild skin irritation. Prolonged or repeated contact may irritate. Low order of toxicity. Exposure of hot material may cause thermal burns and adhesion of the solidified product to the skin.
<u>Ingestion:</u>	Negligible hazard at ambient temperature (-28 to 58 Deg. C: 0 to 130 Deg. C) Vapors and /or aerosols which may be formed at elevated temperatures may be irritating to the respiratory tract.
<u>Inhalation:</u>	Breathing large amounts may be harmful. Symptoms are not expected at air concentrations below the recommended exposure limits.
HMIS Hazard Ratings:	Health -0,      Flammability -1,      Reactivity - 0

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.
Carcinogenicity:	Not listed as Carcinogen by NTP, OSHA and IARC

### 3. Composition / Information on Ingredients

Component Identity	CAS Registry Number
Petroleum Hydrocarbon Resin	64742-16-1

### 4. First Aid Measures

<u>Inhalation:</u>	If symptoms develop, move victim away from exposure and into fresh air. Administer oxygen if breathing is difficult.
<u>Eyes:</u>	Flush eyes with copious quantities of water while holding eyelids open. If symptoms persist or if there is any visual difficulty, consult physician.
<u>Skin:</u>	Remove contaminated clothing and launder it before reuse. Wash exposed area with soap and water. For hot product, immediately immerse in or flush the affected area with sheeting or gauze and get prompt medical attention. No attempt should be made to remove material from skin or to remove contaminated clothing, as the damaged flesh can be easily torn.
<u>Ingestion:</u>	Do not induce vomiting. Seek medical attention. If individual is drowsy, do not give anything by mouth.

### 5. Fire-Fighting Measures

<u>Suitable Extinguishing Media:</u>	Water Spray, Dry Chemical, Carbon Dioxide CO <sub>2</sub> , Foam, Sand.
<u>Special Fire Fighting Procedures:</u>	Do not enter confined fire space without proper protective equipment, including a NIOSH approved SCBA. Use water spray to cool fire-exposed surfaces and to protect personnel. Static discharge, material can accumulate static charges which can cause an incendiary electrical discharge.
<u>Hazardous Combustion Products:</u>	Thermal decomposition products may include toxic oxides of carbon.
<u>General Hazard:</u>	Solid material, may burn at or above the flashpoint, and airborne dust may explode if ignited.

## 6. Accidental Release Measures

<u>Steps to be taken in case material is Spilled:</u>	Wear appropriate personal protective equipment. Vapors can spread and result in flash fire. Eliminate sources of ignition. Recover and reclaim large quantities. Collect small amounts with suitable absorbent and place in Sealable containers. Keep out of sewers and other public water systems.
<u>Environmental Disposal Information:</u>	Keep out of sewers and other public water systems.
<u>Waste Disposal:</u>	Reclaim or dispose of in accordance with local, state, and federal regulations.

## 7. Handling and Storage:

<u>Electrostatic accumulation hazarded:</u>	Yes, us proper bonding and /or grounding procedures.
<u>Precautions to be taken in handling:</u>	Prevent the inhalation of the dust or vapor of products. Wear protective equipment .
<u>Storage:</u>	Keep at temperature not exceeding 30 C. Do not store near an open flame, heat or other sources of ignition. Keep container away from sun.

## 8. Exposure Controls / Personal Protection

<u>Exposure Controls:</u>	5mg/m <sup>3</sup> OSHA Provide explosion proof ventilation to meet exposure limits.
<u>Respiratory Protection:</u>	NIOSH approved organic vapor respirator in accordance with 29 CFR 1910.134 if recommended PEL is exceeded.
<u>Ventilation:</u>	Provide explosion proof ventilation as required to control vapor levels. Ventilation rates should be based upon usage conditions.
<u>Protective Gloves:</u>	Wear appropriate protective gloves.
<u>Eye Protection:</u>	Wear safety glasses or chemical goggles to prevent eye contact as necessary. Wear a face shield if so lashing is a problem.
<u>Skin and Body Protection:</u>	To prevent repeated or prolonged skin contact, wear impervious clothing.
<u>Other Precautions:</u>	Wash with soap and water before eating, drinking or using toilet facilities. Launder contaminated clothing before reuse.
<u>Decontamination Facilities:</u>	Eye bath, washing facilities (sinks / showers)

## 9. Physical and Chemical Properties

<u>Appearance &amp; Odor:</u>	Yellow, pellets, solid/Odorless.
<u>Specific Gravity at Deg C</u>	0.96-1.00
<u>Solubility in Water</u>	Negligible
<u>Viscosity of Liquid cSt at Deg C:</u>	Not applicable,
<u>Softening Point:</u>	96-104 C
<u>Flash Point :</u>	>265 C

## 10. Stability and Reactivity

<u>Stability:</u>	This product is stable under normal conditions.
<u>Incompatibility (Materials to Avoid):</u>	Strong oxidizing agents.
<u>Conditions to Avoid:</u>	Heat, sparks, open flame, high temperatures and electric arc from static discharges .
<u>Hazardous Decomposition by Products:</u>	Carbon mono Oxide, carbon dioxide
<u>Hazardous Polymerization:</u>	Hazardous polymerization will not occur

## 11. Toxicological Information

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

Acute Toxicity: 7g/kg ORAL – Mammal LD50(LD50>2000mg/kg).

## 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

<u>D.O.T. Shipping Name</u>	Not regulated
<u>Air - ICAO (international Civil Aviation Organization)</u>	Not regulated in non-bulk packaging
<u>Sea - IMDG (International Maritime Dangerous Goods)</u>	Not regulated in non-bulk packaging

#### **15. Regulatory Information**

Labeling is not required.

#### **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.