



Safety Data Sheet (SDS)

Revision / Review Date: 3/16/15

1. Chemical Product and Company Identification

Product Name:	Hydrotac 9100
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 Resin
CAS No.:	64742-16-1
REACH	C9 Petroleum Resin (EC#270-737-2): 01-21194922**-**- 00** C5 Petroleum Resin (EC#270-726-2):01-21194801**-**-00**
Product Use:	Used in the production of paint, coating, ink printing, rubber, tires, adhesives etc.
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

Classification of the substance or mixture

Classification according to Regulation

(EC) no 1272/2008 (CLP): Not classified.

Classification according to Directive 67/548/EEC or

1999/45/EC: Not classified.

Label elements: None.

Signal word: None.

Hazard Statement: Not applicable

Precautionary Statement: Not applicable.

Other hazards: No information available.

3. Composition / Information on Ingredients

Substance

Chemical Name	EC No	CAS No	Weight-%	Classification according to Directive 67/548/EEC or 1999/45/EC	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Petroleum resins	-	64742-16-1	>=99	Not classified	Not classified
ash	-	-	<=1	Not classified	Not classified

4. First Aid Measures

General advice:

In case of accident or un- wellness, seek medical advice immediately.

Inhalation:

IF INHALED: remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.

Eyes:

IN IN EYES: rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to remove. Continue rinsing. If eye irritation persists: get medical advice/attention.

Skin:

Wash off immediately with soap and plenty of water. If skin irritation persists, call a physician.

Ingestion:

Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth.

Most important symptoms and effects, both acute and delayed :

No information available.

Indication of any immediate medical attention and special treatment needed:

No information available.

5. Fire-Fighting Measures

Suitable Extinguishing Media:

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. CO₂, dry chemical, dry sand, alcohol-resistant foam.

Unsuitable extinguishing Media:

No information available.

Special hazards arising from the substance:

May be ignited by heat, sparks or flames. Thermal decomposition can lead to release of irritating and toxic gases and vapors: carbon oxides (CO_x)

Advice for firefighters:

Wear self-contained breathing apparatus and protective suit. Stay upwind. Ensure adequate ventilation especially in confined areas. Move containers from fire area if you can do it without

risk. Cool drums with water spray. Do not allow run-off from fire-fighting to enter drains or water course. Evacuate personnel to safe areas.

6. Accidental Release Measures

Personal precaution, protective equipment and Emergency procedures:

Use personal protection recommended in Section 8. Avoid contact with eyes and skin. Ensure adequate ventilation, especially in confined areas. Remove all sources of ignition. Avoid breathing vapors or mists.

Environmental precautions:

Do not allow into any sewer, on the ground or into any body of water. Prevent environmental discharge consistent with regulatory requirements. Local authorities should be advised if significant spillages cannot be contained.

Methods and material for containment and cleaning up:

Sweep up and shovel into suitable containers for disposal. Flush area with flooding quantities of water. Avoid generation of dust.

Reference to other sections:

See section 7, 8 and 13 for more information.

7. Handling and Storage:

Precautions to be taken in handling:

Handle in accordance with good industrial hygiene and safety practice. Use personal protective equipment as required. Avoid contact with skin, eyes or clothing. Wash throughout after handling. Use only outdoors and or well ventilated areas. Do not eat during or smoke when using this product. Avoid generation of dust.

Conditions for safe Storage:

Keep container tightly closed in a dry and well –ventilated place. Keep away from heat, sparks, flame and other sources of ignition. Keep away from clothing as well as other incompatible material.

Specific end use:

Apart from the uses mentioned in Section 1 no other specific use are stipulated.

8. Exposure Controls / Personal Protection

Control parameters:

Not established.

Derived No Effect Level (DNEL):

No information available.

Predicted no Effect Concentration (PNEC):

No information available.

Exposure Controls

<u>Engineering controls:</u>	Ensure adequate ventilation, especially in confined areas. Showers, Eyewash stations. Ventilation systems.
<u>Respiratory Protection:</u>	In case of insufficient ventilation, wear suitable respiratory equipment.
<u>Protective Gloves:</u>	Wear protective gloves.
<u>Eye Protection:</u>	Wear safety glasses or chemical goggles.
<u>Skin and Body Protection:</u>	Suitable protective clothing.
<u>Environmental exposure controls:</u>	Prevent product from entering drains.
<u>Decontamination Facilities:</u>	Eye bath, washing facilities (sinks / showers)

9. Physical and Chemical Properties

<u>Physical Form:</u>	Solid
<u>Appearance & Odor:</u>	Light yellow/slight odor.
<u>Odor Threshold</u>	Not available
<u>pH</u>	Not applicable
<u>Melting point/freezing point</u>	90-160 °C
<u>Boiling point / boiling range</u>	Not available
<u>Flash point</u>	Not applicable
<u>Evaporation rate</u>	Not applicable
<u>Flammability (solid, gas)</u>	Not available
<u>Flammability Limit in Air</u>	Not available
<u>Vapor Pressure</u>	Not applicable
<u>Vapor density</u>	Not available
<u>Density</u>	1.05-1.1g/cm ³
<u>Relative density</u>	Not available
<u>Bulk density</u>	Not available
<u>Specific gravity</u>	Not available
<u>Water solubility</u>	Not available
<u>Partition coefficient</u>	Not available
<u>Autoignition temperature</u>	Not available
<u>Decomposition temperature</u>	Not available
<u>Kinematic viscosity</u>	Not applicable
<u>Dynamic viscosity</u>	Not applicable
<u>Explosive properties</u>	Not an explosive
<u>Oxidizing properties</u>	Not available

10. Stability and Reactivity

<u>Reactivity:</u>	Stable under recommended storage and handling conditions. (see section 7 handling and storage.)
<u>Stability:</u>	Stable under normal conditions.
<u>Possibility of hazardous reactions:</u>	None under normal processing.

<u>Conditions to Avoid:</u>	Heat, flames and sparks. Other sources of ignition. Incompatible materials.
<u>Incompatible materials:</u>	Strong acids. Strong bases. Strong oxidizing agents.
<u>Hazardous decomposition products:</u>	Carbon monoxide, carbon dioxide (CO2)

11. Toxicological Information

Information on toxicological effects

<u>Acute toxicity:</u>	No information available.
<u>Skin corrosion/irritation:</u>	Non-irritating to the skin.
<u>Serious eye damage/eye irritation :</u>	No eye irritation.
<u>Sensitization:</u>	No sensitization responses were observed.
<u>Germ cell mutagenicity:</u>	No information available.
<u>Carcinogenicity:</u>	No information available
<u>Reproductive toxicity:</u>	No information available.
<u>STOT - single exposure :</u>	No information available.
<u>STOT - repeated exposure:</u>	No information available.
<u>Aspiration hazard:</u>	No information available.

12. Ecological Information

<u>Toxicity:</u>	No information available.
<u>Persistence and degradability:</u>	No information available.
<u>Bioaccumulative potential:</u>	No information available.
<u>Mobility in soil:</u>	No information available
<u>Results of PBT and vPvB assessment:</u>	This substance is not considered to be very persistent nor very bioaccumulating (vPvB)
<u>Other adverse effects :</u>	No information available .

13. Disposal Considerations

<u>Waste from residues/unused products:</u>	Disposal should be in accordance with applicable regional, national and local laws and regulations.
<u>Contaminated packaging:</u>	Empty containers should be taken for local recycling, recovery or waste disposal.

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

15. Regulatory Information

Safety, health and environmental regulations/legislation specific for the substance or mixture European Union Authorisations:	No information available.
Restrictions on use:	No information available.
EINECS:	CAS#64742-16-1 is listed in.
DSD (67/548/EEC):	CAS#64742-16-1 is not listed in.

International Inventories

Component	TSCA	DSL/NDSL	EINECS/E	ENCS	IECSC	KECL	PICCS	AICS
		L	LINCS					
Petroleum resins 64742-16-1	X	X	X	X	X	X	X	X

"-" Not Listed

"X" Listed

<u>Chemical safety assessment:</u>	No information available.
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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.