



SILVER FERN
CHEMICAL INC

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Safety Data Sheet

Hydrocarbon Resin TR-100

SECTION 1: IDENTIFICATION

Product Name: Hydrocarbon Resin TR-100

CAS Number: 64742-16-1

Chemical Name: Hydrocarbon Resin TR-100

Synonyms: N/A

Uses: Preparation of: Adhesives, Sealants, Rubber, Coatings.

Company

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SECTION 2: HAZARD IDENTIFICATION

Classification of the substance or mixture:

Not a hazardous substance or mixture

GHS Label elements, including precautionary statements:

Not a hazardous substance or mixture.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

CAS #	Content (W/W)	Ingredients
64742-16-1	Hydrocarbon Resin TR-100	100%

SECTION 4: FIRST AID MEASURES

General information No special measures required

If inhaled: Supply fresh air; consult doctor on case of symptoms

In case of skin contact: After contact with the molten product, cool rapidly with cold water. Do not pull solidified product away from the skin

In case of eye contact: Rinse opened eye for several minutes under running water. If symptoms persist, consult doctor

If swallowed: Rinse out mouth and then drink plenty of water

SECTION 5: FIRE FIGHTING MEASURES

Flash Point: 200°C (or higher) / 392° F

Lower/Upper explosion limit: no data available

Suitable extinguishing media: CO2, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.

Special hazards arising from the substance or mixture: products of combustion or flue gases Formation of toxic gases is possible during heating or in case of fire.

Advice for firefighters: Put on breathing apparatus

Additional Information: unsuitable extinguishing agents Water with a full water jet

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal protection: Remove all ignition sources. Wear protective equipment. Keep unprotected persons away

Containment: Avoid causing dust

Clean-up Procedures: Collect mechanically

Environment precautions: Do not allow product to reach sewage system or water bodies

SECTION 7: HANDLING AND STORAGE

Handling: Ensure good ventilation/exhaustion at the workplace. Avoid contact with skin and eyes. Prevent formation of dust. Avoid breathing dust. Observe workplace exposure limits

Storage: All resins with a low softening point present risk of solidifying or lump. Observe all relevant storage regulations for protection of water bodies. keep tightly sealed in a dry,ventilated and cool place keep at emperature not exceeding 25°C keep far away from direct sunlight and heat sources

SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

Personal Protective Equipment (PPE)

Respiratory protection: Dust mask: If all applicable workplace exposure limits are observed and good ventilation is ensured, no special measures required

Hand protection: Protective gloves

Eye protection: Safety glasses

Body protection: Protective clothing

General safety and hygiene measures: Do not inhale dust/ smoke/ mist. Avoid close or long term contact with the skin. Avoid contact with the eyes. Wash hands during breaks and at the end of the work

Additional Information: Observe all workplace limits for dust

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Form: Granular, Color: Slightly Yellow
Odor	no data available
Odor Threshold	no data available
pH	no data available
Softening Point	95-150°C/ 203- 302°F
Initial boiling point and boiling range	not applicable
Flash point	200°C (or higher)/ 392° F
Evaporation rate	no data available
Flammability (solid, gas)	Product is not selfigniting
Upper/lower flammability or explosive limits	not explosive but ignitable or explosive air/ dust mixtures are possible
Vapor pressure	no data available
Density	at 25°C 1.07-1.13 (25°C = 77°F)
Specific gravity	0.897 at 25°C/25°C (water=1.00)
Water solubility	insoluble
Partition Coefficient: n-octanol/water	no data available
Auto-ignition temperature	350-450°C (or higher)/ 662- 842° F
Decomposition temperature:	no data available
Viscosity:	no data available
Explosive properties:	not explosive

SECTION 10: STABILITY AND REACTIVITY

Conditions to avoid: To avoid thermal decomposition do not overheat

Substances to avoid: Strong oxidizing agents, Strong acids, Halogens

Hazardous reactions: Risk of dust explosion if enriched with fine dust in presence of air

Decomposition products: Carbon monoxide and carbon dioxide, Danger of toxic pyrolysis products

SECTION 11: TOXICOLOGICAL INFORMATION

Acute toxicity:

LD/LC50 values that are relevant for classification: Oral LD50 >50000 mg/kg (rat)

Skin corrosion/irritation : Product may cause irritation mechanically due to its content of fine dust

Serious eye damage/eye irritation: Product may cause irritation mechanically due to its content of fine dust

Respiratory or skin sensitization: No sensitizing effect known

Germ cell mutagenicity: no data available

Carcinogenicity: no data available

Reproductive toxicity: no data available

Additional Information: When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity: not considered toxic to the environment

Biodegradability: The product is slightly biodegradable

Bioaccumulative

Potential: no data available

Other: slightly hazardous for water

SECTION 13: DISPOSAL CONSIDERATIONS

Waste disposal of substance: Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

Container disposal: Disposal according to official regulations

SECTION 14: TRANSPORT INFORMATION

DOT:

No dangerous goods

IATA:

No dangerous goods

IMDG:

No dangerous goods

This information is not intended to convey all specific regulatory or operational requirements/information relating to this product. It is the responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the material.

SECTION 15: REGULATORY INFORMATION

SARA 302 Components:

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components:

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

SARA 311/312 Hazards:

No SARA Hazards

Massachusetts Right To Know Components:

No components are subject to the Massachusetts Right to Know Act.

Pennsylvania Right To Know Components:

No components are subject to the Pennsylvania Right to Know Act.

New Jersey Right To Know Components:

No components are subject to the New Jersey Right to Know Act.

California Prop. 65 Components:

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

SECTION 16: OTHER INFORMATION

DISCLAIMER OF RESPONSIBILITY

The information on this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, expressed or implied, regarding its correctness. Some information presented and conclusions drawn herein are from sources other than direct test data on the substance itself. The conditions or methods of handling, storage, use and disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage, or expense arising out of or in any way connected with handling, storage, use, or disposal of this product. If the product is used as a component in another product, this SDS information may not be applicable.

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