Material Safety Data Sheet

Section 1. Identification of the chemical and supplier

Product Name: Phenolic Resin (Daily Use) **Synonyms:**Universal Hot Mounting Resin
commodity code: PT 2231
(M)SDS Number: 2101EN
Relevant identified use(s): Thermal Mounting sample preparation for metallographic experiments
Emergency telephone number: 13814829868（24h）
Name of the company: Trojan (Suzhou) Material Technology Co., Ltd
Address of the company: Building 26, No. 228 Gongtang Road Luzhi Town,Wuzhong District, Suzhou, China.
Post code: 215000 Fax number: 0512-67508229
Telephone number: 0512-67580617
E-mail address: sales@trojanchina.com

Section 2. Hazards identification

Hazard classification according to GHS:
Not classified.

GHS label elements, including precautionary statements
Pictogram(s) none
Signal word No signal word
Hazard statement(s) none
Precautionary statement(s)
Prevention
Keep away from heat sources.
Do not eat, drink or smoke when using this product.
Wear protective gloves / protective clothing / eye protection / face protection.
Response
If on fire: Use appropriate extinguishing media.
If swallowed: Rinse mouth, induce vomiting immediately, and seek medical attention promptly.
If in eyes: Immediately hold eyelids apart and rinse contaminated eyes gently with slow-running **water.**
Storage
Store container in a well-ventilated area.
Disposal
Collect separately and dispose of according to local regulations.

Section 3. Composition/information on ingredients

Name： Universal Phenolic Resin

Substances

Chemical name	EC No.	CAS No.	Weight-%
Polypropylene	**202-316-6**	**9003-07-0**	60-80
Wood Flour	**232-674-9**	**9004-34-6**	10-20
Inorganic Fillers	**207-439-9**	**471-34-1**	10-20

Section 4. First-aid measures

General advice: Immediate medical attention is required. Show this material safety data sheet (MSDS) to the doctor in attendance .

First Aid Measures

Inhalation: If inhaled, move the person to fresh air.

Skin Contact: Remove contaminated clothing. Wash skin thoroughly with plenty of water or soap and water.

Eye Contact: Separate eyelids and rinse immediately with plenty of running water or saline solution. Seek medical attention immediately.

Ingestion: Rinse mouth. Do NOT induce vomiting. Seek medical attention immediately.

Advice to First Aiders/Rescuers: Move the victim to a safe place. Consult a physician. Show this Safety Data Sheet (SDS) to the doctor in attendance.

Notes to Physician: No information available.

Section 5. Firefighting measures

Suitable extinguishing media: Use fire extinguishing measures appropriate to local conditions and the surrounding environment.

Specific hazards arising from the substance or mixture

This product is or contains an allergen that may cause irritation to skin contact.

Special fire extinguishing procedure: N.A.

Special protective actions for fire-fighters: Firefighters should wear self-contained breathing apparatus and full fire fighting clothing and use personal protective equipment.

Section 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures:

Avoid contact with skin, eyes or clothing, ensure adequate ventilation, and use personal protective equipment as required. Evacuate personnel to safe areas, personnel must be away from the spill/leak area, or in the air outlet, to avoid dust, do not inhale dust.

Environmental precautions: To prevent further leakage or spillage as far as is safe and practicable.

Methods and materials for containment and cleaning up

Methods for containment: To prevent further leakage or spillage as far as is safe and practicable.

Methods for cleaning up: Mechanically picked up and placed in an appropriate container for disposal.

Section 7. Handling and storage

Precautions for handling **Safe operation instruction:** Operate according to good industrial hygiene and safety practices, avoid contact with skin, eyes or clothing, remove all contaminated clothing, wash before reuse. In case of poor ventilation, wear appropriate respiratory protective equipment, do not eat, drink or smoke, do not inhale dust and avoid dust when using this product. Only handle the product in a closed system or provide suitable exhaust equipment. **General health precautions:** Avoid contact with skin, eyes or clothing and wear appropriate gloves and eye/face protective equipment. Do not eat, drink or smoke when using this product. Remove and wash contaminated clothing and gloves, including the inside, and regularly clean equipment, work areas and clothing before reuse. Wash hands immediately before rest and after handling the product. Do not inhale dust. Remove all contaminated clothing and wash before reuse. Contaminated work clothes shall not be taken out of the workplace.
Precautions for storage Keep container tightly closed and in a dry, cool and well ventilated place. Store out of reach of children. The storage area must be locked.
Operation cautions: N.A.

Section 8. Exposure controls/personal protection

Engineering control: Wash hands thoroughly after handling, maintain good housekeeping.
Control parameters - 8 hours daily average admissible concentration/short time average admissible concentration/maximum admissible concentration：N.A. - biological indicator：N.A.
Personal protection equipment - Eye/Face Protection: Wear safety glasses (or goggles) with rim protectors. If splashing is a possibility, wear safety glasses with a side guard. -Hand protection: Avoid direct contact and wear protective gloves. -Skin and body protection**:** No special requirements.
Hygiene measures: Remove contaminated clothing as soon as possible after work.

Section 9. Physical and chemical properties

Appearance: Granular or powdered	**Odor**: Light carbolic acid
Odor threshold: N.A.	**Glass transition temperature :** 100℃
pH: 9 - 10	**Initial boiling point and boiling range**: N.A.
Flammability: Flammable	**Flashpoint:** 192℃
Decomposition temperature: 260℃	**Test method:** V Open Glass
Spontaneous ignition temperature: N.A.	**Explosion limit:** N.A.
Vapor pressure: N.A.	**Vapor density :** N.A.
Relative density: 1.4-2.0	**Solubility:** Do not dissolve in water

Section 10. Stability and reactivity

Stability and reactivity	
Stable under normal conditions	
The explosion of data	N.A.
Sensitive to mechanical impact	N.A.
Sensitive to electrostatic discharge	N.A.
Possible hazardous reactions under special circumstances: It doesn't happen during normal processing	
Conditions to avoid: Overheating **Prohibited content:** Strong acid, strong base, strong oxidant	
Hazardous decomposition products: Under normal conditions of storage and use, hazardous decomposition products should not be produced	

Section 11. Toxicological information

TOXICOLOGICAL INFORMATION

Acute Toxicity

Oral: No data available

Inhalation: No data available

Dermal: No data available

Skin Corrosion/Irritation: No data available

Serious Eye Damage/Irritation: No data available

Respiratory or Skin Sensitisation: No data available

Germ Cell Mutagenicity: No data available

Carcinogenicity: No data available

Reproductive Toxicity: No data available

STOT – Single Exposure: No data available

STOT – Repeated Exposure: No data available

Aspiration Hazard: No data available

Section 12. Ecological information

Ecotoxicity: No information available.
Persistence and Degradability: No information available.
Bioaccumulation: No information available.
Mobility in soil: No information available.
Other adverse effects: No information available.

Section 13. Disposal considerations

Waste treatment methods:	
Residues/waste from unused products	Dispose of waste in accordance with local regulations and

	environmental regulations.
Contaminated Packaging	No information available.

Section 14. Transport information

Special Name for Transport: Container bottles are not specified for <110 Gal.

International Transport Regulations: No special requirements.
UN Name: No special requirements.
Transport hazard class： /
Packing group: No special requirements.
Marine pollutant: No special requirements.
Special transportation method and matters needing attention: No special requirements.

Others:

IMDG/IMO	Unregulated
UN number	N, Unregulated
Proper Shipping Name	Unregulated
Hazard Class	Unregulated
Packing Group	Unregulated
Marine Pollutant	N.A.
Environment Hazards	Y
Special provisions	N.A.
Bulk transportation basis MARPOL 73/78	N.A.
RID	Unregulated
UN number	Unregulated
Proper Shipping Name	Unregulated
Hazard Class	Unregulated
Packing Group	Unregulated
Environment Hazards	Y
Special provisions	N.A.
ADR	Unregulated
UN number	Unregulated
Proper Shipping Name	Unregulated
Hazard Class	Unregulated
Packing Group	Unregulated
Environment Hazards	Y
Special provisions	N.A.
IATA	Unregulated
UN number	Unregulated
Proper Shipping Name	Unregulated
Hazard Class	Unregulated
Packing Group	Unregulated

Environment Hazards	Y
Special provisions	N.A.

Section 15. Regulatory information

Safety, health and environmental regulations specific for the product in question

Chemical name	Common names and synonyms	CAS number	EC number
Polypropylene	Polypropylene	9003-07-0	618-352-4
European Inventory of Existing Commercial Chemical Substances (EINECS)			Not Listed.
EC Inventory			Not Listed.
United States Toxic Substances Control Act (TSCA) Inventory			Listed.
China Catalog of Hazardous chemicals 2015			Not Listed.
New Zealand Inventory of Chemicals (NZIoC)			Listed.
Philippines Inventory of Chemicals and Chemical Substances (PICCS)			Listed.
Vietnam National Chemical Inventory			Listed.
Chinese Chemical Inventory of Existing Chemical Substances (China IECSC)			Listed.
Korea Existing Chemicals List (KECL)			Listed

Chemical name	Common names and synonyms	CAS number	EC number
Inorganic Fillers	Calcium carbonate	471-34-1	207-439-9
European Inventory of Existing Commercial Chemical Substances (EINECS)			Listed.
EC Inventory			Listed.
United States Toxic Substances Control Act (TSCA) Inventory			Listed.
China Catalog of Hazardous chemicals 2015			Not Listed.
New Zealand Inventory of Chemicals (NZIoC)			Listed.
Philippines Inventory of Chemicals and Chemical Substances (PICCS)			Listed.
Vietnam National Chemical Inventory			Listed.
Chinese Chemical Inventory of Existing Chemical Substances (China IECSC)			Listed.
Korea Existing Chemicals List (KECL)			Listed.

Chemical name	Common names and synonyms	CAS number	EC number
Wold Flour	Cellulose	9004-34-6	232-674-9
European Inventory of Existing Commercial Chemical Substances (EINECS)			Listed.
EC Inventory			Listed.
United States Toxic Substances Control Act (TSCA) Inventory			Listed.
China Catalog of Hazardous chemicals 2015			Not Listed.
New Zealand Inventory of Chemicals (NZIoC)			Listed.
Philippines Inventory of Chemicals and Chemical Substances (PICCS)			Listed.
Vietnam National Chemical Inventory			Listed.
Chinese Chemical Inventory of Existing Chemical Substances (China IECSC)			Listed.

Korea Existing Chemicals List (KECL)	Listed.

Section 16. Others

Tabulation unit	Name: Trojan (Suzhou) Material Technology Co., Ltd	
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Lister	Position: Manager	Name: Zhang Huajian
Tabulation date	2026-09-01	

Disclaimer

The chemical safety technical manual is based on information that we can collect, but does not guarantee theecorded data and hazard and toxicity assessments. Before use, investigate hazard and toxicity information andprioritize the laws and regulations of the organization, region and country where the product is used. Consideringsafety concerns, products should be used immediately after purchase. Some new information or corrections willbeadded later. If the product is used well beyond the expected duration of use or if you have any questions, pleasecontact us. The attentions listed must apply only to ordinary use. If it is a special use case, additional safetyprecautions must be taken in addition to ordinary safety measures. All chemicals should be made in such a way " Tobe treated with the knowledge of "unknown hazards and toxicity," which can vary greatly between different useenvironments, handling methods, and storage conditions. The entire process of the product from opening tostorage to disposal must be used by a skilled and experienced spoon operator or under expert guidance.It is theesponsibility of each user to create a safe environment.