

HAOSHENG VINA CO., LTD

My Xuan A2 Industrial Zone, My Xuan Ward, Phu My Town, Ba Ria Vung Tau Province, Vietnam
TAX CODE: 3502237142 TEL: +84 254 3924 679 FAX: +84 254 3924678 POST CODE: 790000

2018-OCTOBER

MATERIAL SAFETY DATA SHEET

POLYESTER RESIN

1) IDENTIFICATION

Trade Name : **VINAPET**

Manufacturing Company : **Haosheng Vina Co., Ltd**
My Xuan A2 Industrial Zone,
My Xuan Ward., Phu My Town,
Ba Ria – Vung Tau Province,
Vietnam

Emergency Contact Number and for : Tel : 84 254 3924 679
Health Hazard Information Fax : 84 254 3924 678
E-Mail : selenasongvn@gmail.com

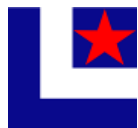
Recommendation of Use : For packaging purposes, compounding, cord strapping
and others that have been regulated under individual
state's or country's law

2) HAZARD(S) IDENTIFICATION

- Molten material (polymer) can cause severe thermal burn injuries
- Can get burn in a fire and the smoke created can cause respiratory difficulty
- Chocking hazard if swallowed. Keep away from children
- Spillage on the floor can cause slippery surface
- Stacking the material (in the bulk bag) on top of each other may cause the bag to fall

3) COMPOSITION

Product Name : PET Resins
Chemical Name : Polyethylene Terephthalate (100 Wt%)
CAS Number : 25038-59-9
Molecular Formula : $(C_{10}H_8O_4)_n$



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4) FIRST-AID MEASURES

If burned by contact with molten material, cool as quickly as possible with water and see a physician for treatment of burn.

Note to Physicians:

Burns should be treated as thermal burns. The plastic will come off as healing occurs; therefore, immediate removal from the skin is not necessary.

5) FIRE-FIGHTING MEASURES

Flash Point	:	Not applicable; non-volatile; combustible
Extinguishing Media	:	Water; dry chemical or CO ₂
Special Fire Fighting Procedures	:	Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

6) ACCIDENTAL RELEASE MEASURES

Steps to be take in case material is released or spilled. Collect and contain for salvage or disposal. Kindly refer section 13 below for disposal consideration.

7) HANDLING AND STORAGE

- *Keep from contact with oxidising materials.*
- *Usage of lifting equipment to handle the material (in the bulk bag) must be done by well trained personnel.*
- *Unloading the material (in the bulk container) must be done by well trained personnel.*

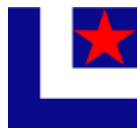
8) EXPOSURE CONTROLS / PERSONAL PROTECTION

A) Exposure Limits

Threshold Limit Value (TLV)	:	Not established
OSHA Permissible Exposure Limit (PEL)	:	Not established

B) Exposure Effects

Inhalation	:	Low hazard for usual industrial handling.
Eyes	:	Low hazard for usual industrial handling.
Skin	:	Molten material will produce thermal burns.



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C) Ventilation

Good general ventilation (typically 10 air changes/hour) should be sufficient to control airborne levels. Ventilation rates should be matched to conditions. Supplementary local exhaust ventilation or respiratory protection may be needed in special circumstances such as mechanical generation of dusts, overheating, etc.

D) Respiratory Protection

If respiratory protection is needed, an appropriate NIOSH - approved respirator for dust or fume should be worn.

E) Skin And Eye Protection

Safety glasses with side shields (or goggles) are recommended for any type of industrial chemical handling. Gloves should be worn to protect against thermal burns. A safety shower and washing facilities should be available. Good industrial hygiene practice should be followed which includes minimising skin contact.

9) PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odor	: White pellets, virtually odourless
Melting Point	: $250 \pm 5^\circ\text{C}$
Auto Ignition Point	: 500°C
Flash Point	: Not Applicable
Density	: 1.40 g/cm^3
Vapour Pressure	: Negligible
Solubility in water	: Negligible

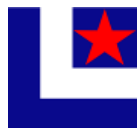
10) STABILITY AND REACTIVITY

Stability	: Stable
Incompatibility	: Oxidising materials can cause a reaction.
Hazardous	: Combustion will produce carbon dioxide and probably
Decomposition Products	: carbon monoxide
Hazardous Polymerisation	: Will not occur.

11) TOXICOLOGICAL INFORMATION

Toxicity data to be representative of this polymer are summarised as below:

Oral	: Practically non-toxic (Rat LD50 > 6.500 mg/kg)
Dermal	: Practically non-toxic



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(Guinea pig > 1,000 mg/kg)

Skin Irritation : Slight (Guinea pig)
Skin Sensitisation : Slight (Guinea pig)
Feeding Study : Rats were fed diets containing up to 5.0% of the compound for 30 days.
There were no toxicological significant in feed intake, weight gain, clinical signs, haematology, body/organ weights, gross pathology or histopathology.

12) ECOLOGICAL INFORMATION

- *Not soluble in water*
- *Accumulation in the stream will reduce the depth, thus will raise the level*

13) DISPOSAL CONSIDERATIONS

Waste disposal method: Incineration. Observe all state, local by-laws concerning, health and environment.

14) TRANSPORT INFORMATION

- *Non-hazardous for air, sea and road freight.*
- *Not controlled under TDG (Canada)*
- *Not controlled under ADR (Europe)*
- *Not controlled under IMDG*
- *Not controlled under IATA*

15) REGULATORY INFORMATION

- *Not classified as hazardous material*
- *Users are encouraged to recycle to avoid soil contamination*
- *Unrelated to R phrases*

16) OTHER INFORMATION

This information set forth herein has been gathered from standard reference materials and is furnished without warranty of any kind. Users should consider the data in combination with any other information to assure proper use and disposal of these materials and the safety and health of employees and customers.