



## Material Safety Data Sheet

REVISION DATE: 06/01/2017    VERSION: 2

### 1. Identification of substance:

**\*Product details:**

Trade name: TERBA-100

**\*Application of the substance / the preparation**

Preparation of: Adhesives, Coatings, Sealants, Rubber, Asphalt, Plastics.

**\*Manufacturer/Supplier:**

TER HONGKONG LIMITED

Add: Room 2201, Fortress Tower, 250 Kings Road, Hong Kong

Tel: 852 3563 8267

Fax: 852 2510 7944

[www.terhk.com.hk](http://www.terhk.com.hk)

Email: [janet@terhk.com.hk](mailto:janet@terhk.com.hk)

### 2. Hazards identification

**\*Hazard designation: void**

**\*Information pertaining to particular dangers for man and environment: void**

**\*Classification system**

The classification is in line with current EC lists. It is expanded, however, by information from technical literature and by information furnished by supplier companies.

### 3. Composition/information on ingredients

**\*Chemical characterization:**

**\*CAS No. Designation: 64742-16-1 Hydrocarbon resin**

**\*Identification number(s): none, polymer**

### 4. First aid measures

**\*General information No special measures required.**

**\*After inhalation Supply fresh air; consult doctor on case of symptoms.**

**\*After skin contact: After contact with the molten product, cool rapidly with cold water.**

Do not pull solidified product away from the skin.

**\*After eye contact: Rinse opened eye for several minutes under running water.**

If symptoms persist, consult doctor.

**\*After swallowing: Rinse out mouth and then drink plenty of water. Seek medical treatment.**

### 5. Fire fighting measures

**\*Suitable extinguishing agents**

CO<sub>2</sub>, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.

**\*For safety reasons unsuitable extinguishing agents: water with a full water jet.**

**\*Special hazards caused by the material: its products of combustion or flue gases, formation of toxic gases is possible during heating or in case of fire.**

**\*Protective equipment: put on breathing apparatus.**

**\*Additional information: fire residues and extinguishing water must be disposed safety.**

### 6. Accidental release measures

**\*Person-related safety precautions:**

Avoid causing dust. Remove all ignition sources.

**Wear protective equipment. Keep unprotected persons away.**

**\*Measures for environmental protection:**

**Do not allow product to reach sewage system or water bodies.**

**\*Measures for cleaning/collecting: collect mechanically.**

## **7. Handling and storage**

**\*Handling**

**\*Information for safe 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.**

**\*Information about protection against explosions and fires:**

**Dust can combine with air to form an explosive mixture.**

**Keep ignition sources away - Do not smoke.**

**Protect against electrostatic charges.**

**\*Storage: All resins with a low softening point present risk of solidifying or lump.**

**\*Requirements to be met by storerooms and containers:**

**Observe all relevant storage regulations for protection of water bodies.**

**Keep tightly sealed in a dry, ventilated and cool place.**

**Keep at temperature not exceeding 25°C.**

**Keep far away from direct sunlight and heat sources.**

**Material to avoid: Strong oxidizing agents.**

## **8. Exposure controls and personal protection**

**\*Additional information about design of technical systems:**

**\*Components with critical values that require monitoring at the workplace:**

**Observe all workplace limits for dust.**

**\*Additional information:**

**The lists that were valid during the compilation were used as basis.**

**No further data. See item 7.**

**\*Personal protective equipment**

**\*General protective and hygienic 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.**

**\*Breathing equipment:**

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

**\*Protection of hands: Protective gloves.**

**\*Material of gloves**

**The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.**

**\*Penetration time of glove material**

**The exact break through time has to be found out by the manufacture of the protective gloves and has to be observed.**

\*Eye protection: safety glasses

## 9. Physical and chemical properties:

### \*General Information

Form:	Granular
Colour:	Slightly Yellow
*Change in condition	
Softening Point:	95-125°C
Boiling point/Boiling range:	not applicable
*Flash point:	200°C(or higher)
*Ignition temperature:	350-450°C(or higher)
*Self-inflammability:	product is not selfigniting
*Density at 25°C	1.07-1.13 g/cm <sup>3</sup>
*Solubility in / Miscibility with water:	insoluble

\*Danger of explosion: not explosive but ignitable or explosive air/ dust mixtures are possible.

## 10. Stability and reactivity

### \*Conditions to be avoided:

No decomposition if used according to specifications.  
To avoid thermal decomposition do not overheat.

### \*Materials to be avoided:

Strong oxidizers  
Strong acids  
Halogens

\*Dangerous reactions: risk of dust explosion if enriched with fine dust in presence of air.

\*Dangerous products of decomposition: carbon monoxide and carbon dioxide, danger of toxic pyrolysis products.

## 11. Toxicological information

### \*Acute toxicity:

### \*LD/LC50 values that are relevant for classification:

64742-16-1 Hydrocarbon resin  
Oral LD50 >50000 mg/kg (rat)

### \*Primary irritant effect:

\*On the skin: Product may cause irritation mechanically due to its content of fine dust.  
\*On the eye: Product may cause irritation mechanically due to its content of fine dust.

\*Sensitization: No sensitizing effect known.

### \*Additional toxicological 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.

## 12. Ecological information:

\*Information about elimination (persistence and degradability):

\*Other information: the product is slightly biodegradable.

\*General notes: Water hazard class 1 (Self-assessment): slightly hazardous for water.

## 13. Disposal considerations

### \*Product:

### \*Recommendation

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

### \*Uncleaned packagings:

\*Recommendation: Disposal according to official regulations.

## **14. Transport information**

\*Land transport ADR/RID and GGVS/GGVE (cross-border/domestic)

\*ADR/RID-GGVS/E Class:-

\*Maritime transport IMDG/GGVSea:

\*IMDG/GGVSea Class: -

\*Air transport ICAO-TI and IATA-DGR:

\*ICAO/IATA Class: -

\*Transport/Additional information: no dangerous good according to the above specifications.

## **15. Regulatory information**

\*Designation according to EC guidelines:

Observe the normal safety regulations when handling chemicals.

The products has not been classified and labelled in accordance with EC directives / relevant national laws.

\*National regulations

\*Water hazard class:

Water hazard class 1 (Self-assessment): slightly hazardous for water.

Water hazard classification was done according to the precondition of the VwVwS from 27-07-2005.

## **16. Other information**

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.