

Material Safety Data Sheet

REVISION DATE: 06/01/2017 VERSION: 2

1. Identification of substance:

***Product details:**

Trade name: TERBA-120

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

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

***Manufacturer/Supplier:**

TER HONGKONG LIMITED

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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**

CO₂, 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 ³
*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.