



Material Safety Data Sheet

REVISION DATE: 20/06/2015 VERSION: 1

1. Identification of substance:

*Product details:

Trade name: BITONER RESIN C9 BP-100,BP-120,BP-140,BP-150

*Application of the substance / the preparation

Preparation of: Adhesives,Sealants,Rubber,Coatings.

*Manufacturer/Supplier:

Qingdao Bater Chemical Co., Ltd.

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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: 95-150°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

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

***Critical values for explosion:**

***Density at 25°C** 1.07-1.13

***Solubility in / Miscibility with**

Water: insoluble

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.

***Department issuing data specification sheet:** Product safety department

***Contact:**

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