

## 1. PRODUCTS&COMPANY IDENTIFICATION

**Product Name:** EG511 ADHESIVE&SEALANT

**Product Use:** Suitable for bonding materials with different thermal expansion rates. Especially applicable to adhesion, fixation and sealing to materials that are difficult to be stuck on, such as silicone, rubber and plastic.

**Manufacturer:** ENIENT CHEM CO.,LTD

**Address:** 9 PANTYGRAIGWEN ROAD PONTYPRIDD MID GLAMORGAN UNITED KINGDOM CF37 2RR

**Zip Code:** CF37 2RR

**Phone:** +448452566080

**Fax:** +448445045173

## 2. PRODUCT COMPOSITION

**Pure Substance or Mixture:** Mixture

**Chemical Identification:**

COMPONENT	CAS NUMBER	% by Wt.
Modified siloxanes and silicones	67762-92-7	33- 55
Polydimethylsiloxane	9016-00-6	≤5
Calcium carbonate	471-34-1	35-50
Carbon black	1333-86-4	≤5

## 3. HAZARDS IDENTIFICATION

**Potential Health Effects:** The product is non-toxic and harmless. Inhaled, swallowed, contact with eyes or absorbed by skin may be harmful to health.

## 4. FIRST AID MEASURES

**Eyes:** Immediately flush with plenty of warm water or normal saline. Call a physician if irritation develops.

**Skin:** Wash thoroughly with suds and plenty of water. Call a physician if irritation develops.

**Inhalation:** Remove the victim to fresh air, maintain victim airway patency. Call a physician immediately.

**Ingestion:** Drink enough warm water, induce vomiting, call a physician immediately.

## 5. FIRE FIGHTING MEASURES

**Suitable Extinguishing Agent:** Foam, CO<sub>2</sub>, dry chemical, sandy soil. Use water spray to cool fire exposed containers. Use sandy soils to stop the liquid from overflowing.

**Hazardous Combustion Products:** Carbon monoxide, hydrocarbon.

**Particular Exposed Danger:** No.

**Particular Protection Equipment:** No.

## 6. ACCIDENTAL RELEASE MEASURES

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**Personal Precautions:** Wear proper personal protective equipment when clean up the spillages. Ventilate before entering enclosed space. Avoid contact with eyes and skin.

**Environmental Precautions:** Do not allow product to enter sewer or waterways.

**Purification Measures:** Store in a proper container. Clean residue leakage with proper absorbent. Recommend to use vapour, solvent or cleaner for final cleaning. Dispose of absorbent or cleaner properly, because they could be self-heating.

## 7. HANDLING AND STORAGE

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**Handling:** Keep in a tightly closed container. Prevent spills.

**Storage:** Product should be stored in cool, dry, well ventilated place. Keep away from sparks, heat. Warehouses should be well-ventilated with fresh air and equipped with emergency spill treatment facilities and have proper occupancy load.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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**Occupational Exposure Limits:** No

**Engineering Controls:** Use in a well-ventilated area.

**Personal Protection Measures:** Wear safety glasses, cleaning hands thoroughly before eat.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

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**Physical State:** Paste

**Color:** Black

**Odor:** Slight odour

**Solubility:** Negligible in water

**Specific Gravity:** 1.30-1.45

**Flash Point (°C) :** 260°C (500°F)

**Upper Explosion Limits % (V/V) :** No

**Lower Explosion Limits % (V/V) :** No

**Evaporation Rate:** No

**Melting Point (°C) :** No

**Boiling Point (°C) :** No date

**Oxidability:** No

**Vapour Pressure (kPa) :** No

## 10. STABILITY AND REACTIVITY

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**Stability:** Stable under normal ambient temperature and pressure in enclosed container.

**Conditions to Avoid:** No.

**Incompatible Materials:** Strong oxidants, reductants, strong acids and strong bases, polymerization initiators.

**Hazardous Decomposition Products:** Carbon dioxide, water, carbonic oxide, silica, metal oxides, nitrides.

## 11. TOXICOLOGICAL INFORMATION

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### Health Effects:

**Eye:** It may cause eye irritation.

**Skin:** A single short time exposure will not have significant impacts.

**Respiratory:** A single short time exposure will not have significant impacts.

**Ingestion:** Have low hazard with normal operation.

**Chronic Disease:** Unknown

**Other:** Unknown

## 12. ECOLOGICAL INFORMATION

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**Environmental Assessment:** It has no harmful effect to aquatic organisms.

**Bio accumulative potential:** No information available.

**Mobility in Environment:** No information available.

## 13. DISPOSAL CONSIDERATIONS

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All disposal activities must comply with state, provincial and local regulations.

**Unused Products:** Dispose by the government-approved waste disposal plant.

**Used/Contaminated Products:** Dispose by the government-approved waste disposal plant.

**Packing Materials:** Dispose by the government-approved waste disposal plant.

## 14. TRANSPORT INFORMATION

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The product belongs to non-dangerous goods for transport.

## 15. OTHER INFORMATION

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This date is applicable for product used in specified purpose and usage. If the product is used for other purpose, it may causes dangerous situations not mentioned in the date. Please use the product according to stipulations (except that we advise in addition).

If you buy the product to supply to third-parties, you have responsibility to make sure the users handle and use the product according to the date.

If you are an employer, you have responsibility to notify your employees and any other person who may be influenced of the risk and precautionary measures according to the date.