

# Safety data sheet

## PATCHING COMPOUND 748 KNIFE NT

Revision date : 2009/06/23  
Version: 1.0

Page: 1/6  
(30368134/SDS\_GEN\_US/EN)

### 1. Substance/preparation and company identification

Company  
BASF Construction Chemicals  
100 Campus Drive  
Florham Park, NJ 07932

24 Hour Emergency Response Information  
CHEMTREC: 1-800-424-9300  
BASF HOTLINE: 1-800-832-HELP

### 2. Composition/information on ingredients

<u>CAS Number</u>	<u>Content (W/W)</u>	<u>Chemical name</u>
1317-65-3	30.0 - 60.0 %	Limestone
57-55-6	1.0 - 5.0 %	Propylene glycol
1314-13-2	1.0 - 5.0 %	Zinc oxide
9064-13-5	1.0 - 5.0 %	Polypropylene glycol alkyl phenyl ether
13463-67-7	0.1 - 1.0 %	Titanium dioxide
14808-60-7	0.1 - 1.0 %	crystalline silica

### 3. Hazard identification

#### Emergency overview

CAUTION: MAY CAUSE EYE, SKIN AND RESPIRATORY TRACT IRRITATION.  
CONTAINS MATERIAL WHICH CAN CAUSE CANCER.  
MAY CAUSE ALLERGIC SKIN REACTION.  
Ingestion may cause irritation to mucous membranes.  
Avoid contact with the skin, eyes and clothing.  
Wash thoroughly after handling.  
Keep container tightly closed.  
No exposure to respirable Crystalline (quartz) Silica anticipated with recommended use of product.

#### Potential health effects

##### **Primary routes of exposure**

Routes of entry for solids and liquids include eye and skin contact, ingestion and inhalation. Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquified gases.

##### **Irritation:**

*Information on: Polypropylene glycol alkyl phenyl ether*  
*Prolonged exposure to the product can result in irritation of the skin and mucous membranes.*

##### **Sensitization:**

May produce an allergic reaction. Sensitization after skin contact possible.  
*Information on: Polypropylene glycol alkyl phenyl ether*  
*Caused skin sensitization in animal studies.*

##### **Repeated dose toxicity:**

# Safety data sheet

## PATCHING COMPOUND 748 KNIFE NT

Revision date : 2009/06/23

Version: 1.0

Page: 2/6

(30368134/SDS\_GEN\_US/EN)

*Information on: Propylene glycol*

*May affect the liver and kidneys as indicated in animal studies.*

---

### 4. First-aid measures

**General advice:**

First aid personnel should pay attention to their own safety. Remove contaminated clothing.

**If inhaled:**

If difficulties occur after vapour/aerosol has been inhaled, remove to fresh air and seek medical attention.

**If on skin:**

After contact with skin, wash immediately with plenty of water and soap. Under no circumstances should organic solvent be used. If irritation develops, seek medical attention.

**If in eyes:**

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

**If swallowed:**

Rinse mouth immediately and then drink plenty of water, seek medical attention. Do not induce vomiting unless told to by a poison control center or doctor.

**Note to physician**

Treatment:

Treat according to symptoms (decontamination, vital functions), no known specific antidote.

---

### 5. Fire-fighting measures

Flash point: 210 °F (ASTM D93)  
Lower explosion limit: 2.4 %(V)  
Upper explosion limit: 12.5 %(V)

**Suitable extinguishing media:**

foam, water spray, dry extinguishing media, carbon dioxide

**Unsuitable extinguishing media for safety reasons:**

water jet

**Hazards during fire-fighting:**

carbon monoxide, carbon dioxide, harmful vapours, nitrogen oxides, fumes/smoke, carbon black

**Protective equipment for fire-fighting:**

Wear a self-contained breathing apparatus.

**Further information:**

Product itself is non-combustible; fire extinguishing method of surrounding areas must be considered. The degree of risk is governed by the burning substance and the fire conditions. Contaminated extinguishing water must be disposed of in accordance with official regulations.

---

### 6. Accidental release measures

**Personal precautions:**

Use personal protective clothing. Do not breathe vapour/aerosol/spray mists. Sources of ignition should be kept well clear. Handle in accordance with good building materials hygiene and safety practice.

**Environmental precautions:**

Contain contaminated water/firefighting water. Do not discharge into drains/surface waters/groundwater.

# Safety data sheet

## PATCHING COMPOUND 748 KNIFE NT

Revision date : 2009/06/23  
Version: 1.0

Page: 3/6  
(30368134/SDS\_GEN\_US/EN)

### Cleanup:

For small amounts: Pick up with inert absorbent material (e.g. sand, earth etc.). Dispose of contaminated material as prescribed.  
For large amounts: Pump off product.

## 7. Handling and storage

### Handling

#### General advice:

Avoid aerosol formation. Avoid inhalation of mists/vapours. Avoid skin contact. No special measures necessary provided product is used correctly.

#### Protection against fire and explosion:

The substance/product is non-combustible. The product does not contribute to the spreading of flames, nor is it self combustible, not explosive. Take precautionary measures against static discharges.

### Storage

#### General advice:

Keep only in the original container in a cool, dry, well-ventilated place away from ignition sources, heat or flame. Protect from direct sunlight. Store protected against freezing.

#### Temperature tolerance

Protect from temperatures below: 0 °C

The packed product must be protected from temperatures below the indicated one.

Protect from temperatures below: 32 °F

The packed product must be protected from temperatures below the indicated one.

## 8. Exposure controls and personal protection

### Components with workplace control parameters

Limestone	OSHA	PEL 5 mg/m3 Respirable fraction ; PEL 15 mg/m3 Total dust ;
Zinc oxide	OSHA ACGIH	PEL 5 mg/m3 Respirable fraction ; PEL 15 mg/m3 Total dust ; TWA value 2 mg/m3 Respirable fraction ; STEL value 10 mg/m3 Respirable fraction ;
Titanium dioxide	OSHA ACGIH	PEL 15 mg/m3 Total dust ; TWA value 10 mg/m3 ;
crystalline silica	OSHA  ACGIH	TWA value 2.4 millions of particles per cubic foot of air Respirable ; TWA value 0.1 mg/m3 Respirable ; TWA value 0.3 mg/m3 Total dust ; TWA value 0.025 mg/m3 Respirable fraction ;

### Personal protective equipment

#### Respiratory protection:

When workers are facing concentrations above the occupational exposure limits they must use appropriate certified respirators.

#### Hand protection:

Wear chemical resistant protective gloves.

#### Eye protection:

Safety glasses with side-shields.

#### Body protection:

Impermeable protective clothing

# Safety data sheet

## PATCHING COMPOUND 748 KNIFE NT

Revision date : 2009/06/23  
Version: 1.0

Page: 4/6  
(30368134/SDS\_GEN\_US/EN)

### General safety and hygiene measures:

Avoid contact with the skin, eyes and clothing. In order to prevent contamination while handling, closed working clothes and working gloves should be used. Handle in accordance with good building materials hygiene and safety practice. When using, do not eat, drink or smoke. Hands and/or face should be washed before breaks and at the end of the shift. At the end of the shift the skin should be cleaned and skin-care agents applied. Gloves must be inspected regularly and prior to each use. Replace if necessary (e.g. pinhole leaks).

## 9. Physical and chemical properties

Form:	liquid	
Odour:	mild	
Colour:	milky white	
pH value:		Unspecified
Boiling point:	370 - 442 °F	
Vapour pressure:	approx. 17 mmHg	( 20 °C)
Density:	1.5 g/cm <sup>3</sup>	

## 10. Stability and reactivity

### Conditions to avoid:

Avoid extreme temperatures.

### Substances to avoid:

strong acids, strong bases, strong oxidizing agents

### Hazardous reactions:

The product is stable if stored and handled as prescribed/indicated.

### Thermal decomposition:

No decomposition if stored and handled as prescribed/indicated.

## 11. Toxicological information

### Sensitization:

Can sensitize the skin and/or respiratory tract of allergic persons. May produce an allergic reaction.

### Carcinogenicity:

*Information on: Titanium dioxide*

*IARC (International Agency for Research on Cancer) has classified this substance as group 2B (The agent is possibly carcinogenic to humans).*

*In long-term studies in rats in which the substance was given by inhalation, a carcinogenic effect was observed.*

*Tumors were only observed in rats after chronic inhalative exposure to high concentrations which caused sustained lung inflammation.*

*In long-term studies in rats and mice in which the substance was given by feed, a carcinogenic effect was not observed.*

*Dermal exposure is not expected to be carcinogenic.*

*Information on: crystalline silica*

*The International Agency for Research on Cancer (IARC) has classified this substance as a Group 1 (known) human carcinogen.*

-----

# Safety data sheet

## PATCHING COMPOUND 748 KNIFE NT

Revision date : 2009/06/23  
Version: 1.0

Page: 5/6  
(30368134/SDS\_GEN\_US/EN)

---

### 12. Ecological information

---

### 13. Disposal considerations

**Waste disposal of substance:**

Recommendations: Use excess product in an alternate beneficial application.  
Do not discharge into drains/surface waters/groundwater.  
Dispose of in accordance with local authority regulations.

**Container disposal:**

Contaminated packaging should be emptied as far as possible; then it can be passed on for recycling after being thoroughly cleaned.

---

### 14. Transport information

**Land transport**

USDOT

Not classified as a dangerous good under transport regulations

**Sea transport**

IMDG

Not classified as a dangerous good under transport regulations

**Air transport**

IATA/ICAO

Not classified as a dangerous good under transport regulations

---

### 15. Regulatory information

**Federal Regulations**

**Registration status:**

TSCA, US released / listed

**OSHA hazard category:** IARC 1, 2A or 2B carcinogen, NTP listed carcinogen, Chronic target organ effects reported, ACGIH TLV established

**SARA hazard categories (EPCRA 311/312):** Acute, Chronic

**SARA 313:**

**CAS Number**

8002-05-9  
1314-13-2

**Chemical name**

Petroleum  
Zinc oxide

**State regulations**

State RTK

# Safety data sheet

## PATCHING COMPOUND 748 KNIFE NT

Revision date : 2009/06/23  
Version: 1.0

Page: 6/6  
(30368134/SDS\_GEN\_US/EN)

<u>CAS Number</u>	<u>Chemical name</u>	<u>State RTK</u>
1317-65-3	Limestone	MA, PA
57-55-6	Propylene glycol	PA
1314-13-2	Zinc oxide	MA, NJ, PA
13463-67-7	Titanium dioxide	MA, NJ, PA
14808-60-7	crystalline silica	MA, NJ, PA

**CA Prop. 65:**

THIS PRODUCT CONTAINS A CHEMICAL(S) KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER.

---

### 16. Other information

**HMIS III rating**

Health: 1      Flammability: 1      Physical hazard: 0

HMIS uses a numbering scale ranging from 0 to 4 to indicate the degree of hazard. A value of zero means that the substance possesses essentially no hazard; a rating of four indicates high hazard.

---

**Local contact information**

BASF Construction Chemicals  
bcc\_prps@basf.com

END OF DATA SHEET