

Material Safety Data Sheet



The Chemical Company

CONIPUR® 275 PART A

Version 1.4

06/27/2006

1. PRODUCT AND COMPANY INFORMATION

Company	BASF Building Systems 889 Valley Park Drive Shakopee, MN 55379
Telephone	: 952-496-6000
Emergency telephone number	: (800) 424-9300 (703) 527-3887 (Outside Continental US)
Product name	: CONIPUR® 275 PART A
MSDS ID No.	: 10592
TSCA Inventory	: All components of this product are included, or are exempt from inclusion, in the EPA Toxic Substances Control Act (TSCA) Chemical Substance Inventory.
Canadian DSL	: This product contains material not included on the Canadian Domestic Substance List (DSL).
Product Use Description	: Coating

2. HAZARDOUS INGREDIENTS

<u>Chemical</u>	<u>CAS No.</u>	<u>TLV</u>	<u>STEL</u>	<u>PEL</u>	<u>CEIL</u>	<u>Weight %</u>
SILICA, CRYSTALLINE QUARTZ	14808-60-7	0.05 mg/m3	N.E.	0.1 mg/m3	N.E.	15.00 - 40.00 %
BARIUM SULFATE	7727-43-7	10 mg/m3	N.E.	15 mg/m3	N.E.	10.00 - 30.00 %
TITANIUM DIOXIDE	13463-67-7	10 mg/m3	N.E.	15 mg/m3	N.E.	1.00 - 5.00 %
SILICA, AMORPHOUS	7631-86-9	3 mg/m3	N.E.	N.E.	N.E.	1.00 - 5.00 %
PROPYLENE GLYCOL PHENYL ETHER	770-35-4	N.E.	N.E.	N.E.	N.E.	1.00 - 5.00 %
PROPYLENEGLYCOL METHYLETHYL ACETATE	108-65-6	N.E.	N.E.	N.E.	N.E.	1.00 - 5.00 %
SOLVENT NAPHTHA (PETROLEUM), LIGHT AROMATIC	64742-95-6	N.E.	N.E.	N.E.	N.E.	1.00 - 5.00 %

3. HAZARDS IDENTIFICATION

HMIS® Rating	HEALTH 2	FLAMMABILITY 1	PHYSICAL HAZARD 0
WHMIS Class	: D2B		
Primary Routes of Entry	: Inhalation Skin contact Eye contact		

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Effects of Overexposure

- Inhalation : Inhalation of high vapor concentrations may cause symptoms like headache, dizziness, tiredness, nausea and vomiting. Inhalation of high vapor concentrations can cause CNS-depression and narcosis. Prolonged inhalation can be harmful.
- Skin : Prolonged skin contact may defat the skin and produce dermatitis. Prolonged or repeated exposure can cause skin irritation and redness.
- Eyes : Can cause slight irritation.
- Ingestion : Can cause slight irritation.
- Chronic exposure : This product contains solvents. Reports associate repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Reports also indicate that solvents cause liver damage, kidney damage, and mucous membrane irritation. Be warned that intentional misuse by deliberately inhaling the vapors and/or the product contents (a process often called "sniffing") can be harmful or fatal. This product contains Crystalline (quartz) Silica which has been listed as a human carcinogen by NTP (Group 1) and IARC (Human Carcinogen) and a Suspected Human Carcinogen by ACGIH (category A2). Repeated or prolonged over exposure to free respirable Crystalline (quartz) silica can cause silicosis or other delayed and serious lung injury. No exposure to respirable Crystalline (quartz) Silica anticipated with recommended use of product.

Carcinogenicity

	ACGIH	IARC	NTP	OSHA
SILICA, CRYSTALLINE QUARTZ	Suspected human carcinogen.	Human carcinogen.		N.E.
BARIUM SULFATE	Not classifiable as a human carcinogen.	N.E.	N.E.	N.E.
TITANIUM DIOXIDE	Not classifiable as a human carcinogen.	Classification not possible from current data.	N.E.	N.E.
SILICA, AMORPHOUS	N.E.	Classification not possible from current data.	N.E.	N.E.
PROPYLENE GLYCOL PHENYL ETHER	N.E.	N.E.	N.E.	N.E.
PROPYLENEGLYCOL METHYLETHER ACETATE	N.E.	N.E.	N.E.	N.E.
SOLVENT NAPHTHA (PETROLEUM), LIGHT AROMATIC	N.E.	N.E.	N.E.	N.E.

4. FIRST AID MEASURES

- Eye contact : Flush eyes with water, lifting upper and lower lids occasionally for 15 minutes. Seek medical attention.
- Skin contact : Remove contaminated clothing. Wash thoroughly with soap and water. If irritation persists seek medical attention. Wash contaminated clothing before reuse.
- Ingestion : Do not induce vomiting without medical advice. If conscious, drink plenty of water. If a person feels unwell or symptoms of skin irritation appear, consult a physician. If a person vomits, place him/her in the recovery position. Never give anything by mouth to an unconscious person.

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Inhalation : Remove victim from exposure. If difficulty with breathing, administer oxygen. If breathing has stopped administer artificial respiration, preferably mouth-to-mouth. Seek immediate medical attention.

5. FIRE-FIGHTING MEASURES

Flash point : 200.01 °F (93.34 °C) Method: SETAFLASH

Autoignition temperature : no data available

Lower explosion limit : 0.7 %(V)

Upper explosion limit : 9.4 %(V)

Suitable extinguishing media : foam
carbon dioxide (CO₂)
dry chemical
water fog

Fire and Explosion Hazards : Containers can build up pressure if exposed to heat (fire). Cool closed containers exposed to fire with water spray.

Special Fire-fighting Procedures : As in any fire, wear pressure demand self-contained breathing apparatus (NIOSH approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Methods for cleaning up : Wear appropriate protective equipment (refer to section 8). Take action to eliminate source of leak; prevent from entry into open streams or sewers; contain spill by diking; vacuum up liquid or use absorbent media; remove to storage for disposal and rinse residual stain with water.

7. HANDLING AND STORAGE

Handling : Use only in area provided with appropriate ventilation. Keep out of reach of children. For personal protection see section 8.

Storage : Keep container tightly closed.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Eye protection : Wear as appropriate:
safety glasses with side-shields
goggles
face-shield

Hand protection : Wear as appropriate:
Wear Chemically resistant gloves.

Body Protection : Wear as appropriate:

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	impervious clothing preventive skin protection
Respiratory protection	: In case of insufficient ventilation wear suitable respiratory equipment. When workers are facing concentrations above the exposure limit they must use NIOSH approved respirators.
Hygienic Practices	: Avoid contact with skin, eyes and clothing. Ensure adequate ventilation, especially in confined areas. Wash hands before breaks and at the end of workday. When using, do not eat, drink or smoke. Handle in accordance with good industrial hygiene and safety practice.
Engineering Controls	: Local exhaust ventilation can be necessary to control any air contaminants to within their TLVs during the use of this product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Color	: gray
Physical State	: liquid
Odor	: mild solvent
pH	: no data available
Odor Threshold	: no data available
Vapor Pressure	: no data available
Vapor Density	: Heavier than air
Boiling point/range	: 284.00 - 469.00 °F (140.00 - 242.78 °C)
Freeze Point	: no data available
Water solubility	: insoluble
Specific Gravity	: 1.6
Viscosity	: no data available
Evaporation rate	: Slower than Butyl acetate
Partition coefficient (n-octanol/water)	: no data available
VOC Concentration as applied (less water and exempt solvents)	: 13 g/l Note: VOC concentration expressed as applied when all components are mixed and applied per manufacturer's instructions.

10. STABILITY AND REACTIVITY

Stability	: Stable under recommended storage conditions.
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- Conditions to avoid : Prolonged exposure to high temperatures
- Materials to avoid : strong bases
strong oxidizing agents
strong acids
- Hazardous decomposition products : Oxides of carbon
nitrogen oxides (NOx)
- Hazardous polymerization : Will not occur under normal conditions.

11. TOXICOLOGICAL INFORMATION

Acute inhalation toxicity

<u>Product</u>	<u>Type</u>	<u>Value</u>	<u>Species</u>	<u>Exposure time</u>
	LC50	no data available		
<u>Component</u>				
SILICA, CRYSTALLINE QUARTZ	LC50	no data available		
BARIUM SULFATE	LC50	no data available		
TITANIUM DIOXIDE	LC50	no data available		
SILICA, AMORPHOUS	LC50	no data available		
PROPYLENE GLYCOL PHENYL ETHER	LC50	no data available		
PROPYLENEGLYCOL METHYLEETHER ACETATE	LC50	no data available		
SOLVENT NAPHTHA (PETROLEUM), LIGHT AROMATIC	LC50	no data available		

Acute oral toxicity

<u>Product</u>	<u>Type</u>	<u>Value</u>	<u>Species</u>
	LD50 (Oral)	no data available	
<u>Component</u>			
SILICA, CRYSTALLINE QUARTZ	LD50 (Oral)	1,300 mg/kg	
BARIUM SULFATE	LD50 (Oral)	no data available	
TITANIUM DIOXIDE	LD50 (Oral)	no data available	
SILICA, AMORPHOUS	LD50 (Oral)	no data available	
PROPYLENE GLYCOL PHENYL ETHER	LD50 (Oral)	no data available	
PROPYLENEGLYCOL METHYLEETHER ACETATE	LD50 (Oral)	no data available	
SOLVENT NAPHTHA (PETROLEUM), LIGHT AROMATIC	LD50 (Oral)	4,700 mg/kg	rat

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Acute dermal toxicity

	<u>Type</u>	<u>Value</u>	<u>Species</u>
<u>Product</u>	LD50 (Dermal)	no data available	
<u>Component</u>			
SILICA, CRYSTALLINE QUARTZ	LD50 (Dermal)	no data available	
BARIUM SULFATE	LD50 (Dermal)	no data available	
TITANIUM DIOXIDE	LD50 (Dermal)	no data available	
SILICA, AMORPHOUS	LD50 (Dermal)	no data available	
PROPYLENE GLYCOL PHENYL ETHER	LD50 (Dermal)	no data available	
PROPYLENEGLYCOL METHYLETHER ACETATE	LD50 (Dermal)	no data available	
SOLVENT NAPHTHA (PETROLEUM), LIGHT AROMATIC	LD50 (Dermal)	no data available	

12. ECOLOGICAL INFORMATION

Ecotoxicological Information : There is no data available for this product.

13. DISPOSAL CONSIDERATIONS

Recommendations: Use excess product in an alternate beneficial application. Handle disposal of waste material in manner which complies with local, state, province and federal regulation.

14. TRANSPORT INFORMATION

DOT : Proper shipping name Not regulated
 IATA : Proper shipping name Not regulated

15. REGULATORY INFORMATION

SARA 311/312 (RTK)

This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendments and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

IMMEDIATE (ACUTE) HEALTH HAZARD DELAYED (CHRONIC) HEALTH HAZARD

SARA 313

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:

Weight % CAS No. Chemical Name

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This product contains no chemicals subject to the SARA 313 supplier notification requirements.

CERCLA

CERCLA section 103(a) specifically requires the person in charge of a vessel or facility to report immediately to the National Response Center (NRC) a release of a hazardous substance whose amount equals or exceeds the assigned RQ. The following hazardous substances are contained in this product.

<u>RQ</u>	<u>CAS No.</u>	<u>Chemical Name</u>
1,000 lbs	7727-43-7	BARIUM SULFATE

TSCA Section 12(b) Export Notification

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(b) if exported from the United States:

<u>CAS No.</u>	<u>Chemical Name</u>
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There are no TSCA 12(b) Chemicals in this product.

California Proposition 65

The chemical(s) noted below and contained in this product, are known to the state of California to cause cancer, birth defects or other reproductive harm. Unless otherwise specified in Section 2 of this MSDS, these chemicals are present at < 0.1%:

<u>CAS No.</u>	<u>Chemical Name</u>
14808-60-7	SILICA, CRYSTALLINE QUARTZ
1333-86-4	CARBON BLACK
71-43-2	BENZENE
108-88-3	TOLUENE

16. OTHER INFORMATION

Legend : N.E. - Not Established
TLV - Threshold Limit Value
STEL - Short Term Exposure Limit
PEL - Permissible Exposure Limit
CEIL - Ceiling

Prepared By : Environment, Health and Safety Department

This information is furnished without warranty, representation, or license of any kind, except that this information is accurate to the best of the manufacturer's knowledge, or is obtained from sources believed by the manufacturer to be accurate and is not intended to be all inclusive. No warranty is expressed or implied regarding the accuracy of this information or the results to be obtained from its use thereof. The manufacturer assumes no responsibility for injuries proximately caused by use of the Material if reasonable safety procedures are not followed as stipulated in this Data Sheet. Additionally, the manufacturer assumes no responsibility for injuries proximately caused by abnormal use of the Material even if reasonable safety procedures are followed. Buyer assumes the risk in its use of the Material.

End of MSDS.