

Senershield

Version 2.3

06/29/2006

1. PRODUCT AND COMPANY INFORMATION

| | | |
|----------------------------|---|---|
| Company | : | BASF Wall Systems 3550 St. John's Bluff Road, South Jacksonville, FL 32224 |
| Telephone | : | 904-996-6000 |
| Emergency telephone number | : | (800) 424-9300 (703) 527-3887 (Outside Continental US) |
| Product name | : | Senershield |
| MSDS ID No. | : | 10021 |
| 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 | : | All components of this product are included, or are exempt from inclusion, in 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. | 25.00 - 50.00 % |
| SODIUM ZINC POTASSIUM POLYPHOSPHATE | 65997-17-3 | 5 mg/m3 | N.E. | N.E. | N.E. | 0.10 - 1.00 % |

3. HAZARDS IDENTIFICATION

| | | | | |
|-------------------------|---|--|-------------------|-------------------------|
| HMIS® Rating | | HEALTH 1* | FLAMMABILITY 1 | PHYSICAL HAZARD 0 |
| WHMIS Class | : | D2B | | |
| Primary Routes of Entry | : | Inhalation Ingestion Eye contact | | |

Effects of Overexposure

| | | |
|------------|---|------------------------------|
| Inhalation | : | Can cause slight irritation. |
| Skin | : | Can cause slight irritation. |
| Eyes | : | Can cause slight irritation. |
| Ingestion | : | Can cause slight irritation. |

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Chronic exposure : 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. |
| SODIUM ZINC POTASSIUM POLYPHOSPHATE | Suspected human carcinogen. | Inadequate data. | | 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.

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)

Autoignition temperature : no data available

Lower explosion limit : no data available

Upper explosion limit : no data available

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

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

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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 : Keep out of reach of children. For personal protection see section 8.

Storage : Keep 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:
impervious gloves

Body Protection : Wear as appropriate:
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

Physical State : liquid

Odor : mild acrylic

pH : 9 - 10

Odor Threshold : no data available

Vapor Pressure : no data available

Vapor Density : Heavier than air

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| | | |
|-------------------------------------|-------------|-------------------|
| SILICA, CRYSTALLINE QUARTZ | LD50 (Oral) | 1,300 mg/kg |
| SODIUM ZINC POTASSIUM POLYPHOSPHATE | LD50 (Oral) | no data available |

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 | |
| SODIUM ZINC POTASSIUM POLYPHOSPHATE | 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

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:

| <u>Weight %</u> | <u>CAS No.</u> | <u>Chemical Name</u> |
|-----------------|----------------|----------------------|
|-----------------|----------------|----------------------|

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

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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> |
|-----------|----------------|----------------------|
|-----------|----------------|----------------------|

No CERCLA chemicals exist in this product above reportable concentrations.

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> |
|----------------|----------------------|
|----------------|----------------------|

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 |
| 65997-17-3 | SODIUM ZINC POTASSIUM POLYPHOSPHATE |
| 140-88-5 | ETHYL ACRYLATE |

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

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End of MSDS.