

## DegaSeal™ 22

Version 1.4

06/26/2006

### 1. PRODUCT AND COMPANY INFORMATION

Company	:	<b>BASF Building Systems, Inc.</b> 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	:	DegaSeal™ 22
MSDS ID No.	:	10713
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	:	Sealant

### 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>
STODDARD SOLVENT	8052-41-3	100 ppm	N.E.	500 ppm	N.E.	5.00 - 10.00 %
SILICA, CRYSTALLINE QUARTZ	14808-60-7	0.05 mg/m3	N.E.	0.1 mg/m3	N.E.	0.10 - 1.00 %

### 3. HAZARDS IDENTIFICATION

HMIS® Rating	HEALTH	FLAMMABILITY	PHYSICAL HAZARD
	2	1	0

WHMIS Class	:	D2B
Primary Routes of Entry	:	Eye contact Inhalation Skin contact

#### Effects of Overexposure

Inhalation	:	Can cause slight irritation.
Skin	:	Can cause slight irritation. Repeated or prolonged skin contact may cause allergic reactions with susceptible persons. May cause sensitization by skin contact.
Eyes	:	Can cause slight to moderate irritation, redness, tearing and blurred vision.
Ingestion	:	Irritating to mouth, throat and stomach. Intake can cause gastrointestinal irritation, nausea, vomiting, diarrhea, headache, and drowsiness.

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Chronic exposure : Existing respiratory or skin ailments may be aggravated by 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. This product may contain a small amount (<0.1%) of a respiratory sensitizer. Prolonged or repeated exposure can also lead to skin sensitization. For persons so sensitized, even brief exposures can produce reddening, swelling, rash, or blisters. Similarly, prolonged and repeated exposure can lead to respiratory sensitization. In such individuals, brief exposures at levels well below the established exposure limits can produce chemical asthma and nonspecific asthmatic conditions.

**Carcinogenicity**

	ACGIH	IARC	NTP	OSHA
STODDARD SOLVENT	N.E.	No data.	N.E.	N.E.
SILICA, CRYSTALLINE QUARTZ	Suspected human carcinogen.	Human carcinogen.		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 : 120.00 °F (48.89 °C) Method: SETAFLASH

Autoignition temperature : no data available

Lower explosion limit : 1.0 %(V)

Upper explosion limit : 7.0 %(V)

Suitable extinguishing media : carbon dioxide (CO2)  
water fog

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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.

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### 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.

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### 7. HANDLING AND STORAGE

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

Storage : Store in a place accessible by authorized persons only. Keep container tightly closed. Store in a cool and shaded area.

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### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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Eye protection : When handling product, wear protective equipment such as:  
safety glasses with side-shields  
goggles  
face-shield

Hand protection : impervious gloves

Body Protection : 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.

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### 9. PHYSICAL AND CHEMICAL PROPERTIES

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Color : various colors

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Physical State	: paste
Odor	: solvent
pH	: not applicable
Odor Threshold	: no data available
Vapor Pressure	: no data available
Vapor Density	: Heavier than air
Boiling point/range	: 312.01 - 484.00 °F (155.56 - 251.11 °C)
Freeze Point	: no data available
Water solubility	: slightly soluble
Specific Gravity	: 1.4
Viscosity	: 2,800 poise
Evaporation rate	: Slower than Butyl acetate
Partition coefficient (n-octanol/water)	: no data available
VOC Concentration as applied (less water and exempt solvents)	: 100 - 112 g/l

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## 10. STABILITY AND REACTIVITY

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Stability	: Stable under recommended storage conditions.
Conditions to avoid	: Prolonged exposure to high temperatures
Materials to avoid	: oxidizing agents
Hazardous decomposition products	: Oxides of carbon Thermal decomposition can lead to release of irritating gases and vapours.
Hazardous polymerization	: Will not occur when handled according to manufacturer's instructions.

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## 11. TOXICOLOGICAL INFORMATION

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### Acute inhalation toxicity

<u>Type</u>	<u>Value</u>	<u>Species</u>	<u>Exposure time</u>
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Product LC50 no data available

Component

STODDARD SOLVENT LC50 no data available  
SILICA, CRYSTALLINE QUARTZ LC50 no data available

**Acute oral toxicity**

<u>Product</u>	<u>Type</u>	<u>Value</u>	<u>Species</u>
	LD50 (Oral)	no data available	

Component

STODDARD SOLVENT	LD50 (Oral)	no data available	
SILICA, CRYSTALLINE QUARTZ	LD50 (Oral)	1,300 mg/kg	

**Acute dermal toxicity**

<u>Product</u>	<u>Type</u>	<u>Value</u>	<u>Species</u>
	LD50 (Dermal)	no data available	

Component

STODDARD SOLVENT	LD50 (Dermal)	no data available	
SILICA, CRYSTALLINE QUARTZ	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**

**This material has been tested, and determined to be a non-combustible solid by ASTM test methods.**

DOT : Proper shipping name Not regulated

IATA : Proper shipping name Not regulated

**15. REGULATORY INFORMATION**

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### 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:

<u>Weight %</u>	<u>CAS No.</u>	<u>Chemical Name</u>
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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>
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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>
108-90-7	CHLOROBENZENE

### 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>
26471-62-5	TOLUENE DIISOCYANATE MIX
14808-60-7	SILICA, CRYSTALLINE QUARTZ
1333-86-4	CARBON BLACK
598-55-0	METHYL CARBAMATE
7440-38-2	ARSENIC
7440-43-9	CADMIUM
71-43-2	BENZENE
108-88-3	TOLUENE
100-41-4	ETHYL BENZENE
7439-92-1	INORGANIC LEAD
7440-02-0	NICKEL

## 16. OTHER INFORMATION

Legend : N.E. - Not Established

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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.