

# Safety data sheet

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BASF Construction Chemicals Safety data sheet according to 91/155/EEC

Date / Revised: 2007/12/15

Product: **SONOLAC CUSTOM**

Version: 1.0

(30416300/MDS\_GEN\_US/EN)

Date of print 04.06.2008

## 1. SUBSTANCE/PREPARATION AND COMPANY IDENTIFICATION

### SONOLAC CUSTOM

Company:

BASF Construction Chemicals  
100 Campus Drive  
Florham Park, NJ 07932

Emergency information:

CHEMTREC: 1-800-424-9300

BASF HOTLINE: 1-800-832-HELP

## 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.	1.00 - 5.00 %
ETHYLENE GLYCOL	107-21-1	N.E.	N.E.	N.E.	100 mg/m <sup>3</sup>	0.50 - 1.50 %
BUTYL BENZYL PHTHALATE	85-68-7	N.E.	N.E.	N.E.	N.E.	3.00 - 7.00 %

## 3. HAZARDS IDENTIFICATION

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

Effects of Overexposure

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- 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.

**Carcinogenicity**

	ACGIH	IARC	NTP	OSHA
STODDARD SOLVENT	N.E.	No data.	N.E.	N.E.
ETHYLENE GLYCOL	Not classifiable as a human carcinogen.	N.E.	N.E.	N.E.
BUTYL BENZYL PHTHALATE	N.E.	Limited data.	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.
- 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 : Not combustible.
- Autoignition temperature : Not combustible.
- Lower explosion limit : not applicable
- Upper explosion limit : not applicable
- Suitable extinguishing media : Not combustible.  
Use extinguishing agent suitable for type of surrounding fire.
- Fire and Explosion Hazards : Containers can build up pressure if exposed to heat (fire). Cool closed containers

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

Storage : Store in cool place.

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## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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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:  
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

Physical State : paste

Odor : sweet

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pH : 8 - 10

Odor Threshold : no data available

Vapor Pressure : 25 mm/Hg at 64 °F (18 °C)

Vapor Density : Heavier than air

Boiling point/range : 210.00 - 215.01 °F (98.89 - 101.67 °C)

Freeze Point : 32 °F (0 °C)

Water solubility : partly miscible

Specific Gravity : 1.2

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) : 41 g/l

## 10. STABILITY AND REACTIVITY

Stability : Stable under recommended storage conditions.

Conditions to avoid : Prolonged exposure to high temperatures

Materials to avoid : strong acids  
strong bases

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>				
STODDARD SOLVENT	LC50	no data available		
ETHYLENE GLYCOL	LC50	no data available		

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BUTYL BENZYL PHTHALATE 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	
ETHYLENE GLYCOL	LD50 (Oral)	4,700 mg/kg	rat
BUTYL BENZYL PHTHALATE	LD50 (Oral)	no data available	

**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	
ETHYLENE GLYCOL	LD50 (Dermal)	no data available	
BUTYL BENZYL PHTHALATE	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

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**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>
0.50 - 1.50 %	107-21-1	ETHYLENE GLYCOL

**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>
5,000 lbs	107-21-1	ETHYLENE GLYCOL
100 lbs	85-68-7	BUTYL BENZYL PHTHALATE

**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>
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There are no Proposition 65 chemicals known to exist in this product.

**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

The data contained in this safety data sheet are based on our current knowledge and experience and describe the product only with regard to safety requirements. The data do not describe the product's properties (product specification). Neither should any agreed property nor the suitability of the product for any specific purpose be deduced from the data contained in the safety data sheet. It is the responsibility of the recipient of the product to ensure any proprietary rights and existing laws and legislation are observed.