

Material Data Safety Sheet

July 2007

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CONSUMER PRODUCTS

Concrete and Masonry Sealer™

1. Product and Company Information

Company: Thoro Consumer Products
BASF Construction Chemicals, LLC
23700 Chagrin Blvd.
Cleveland, Ohio 44122

Telephone: (216) 839-7171 or (866) 518-7171

Emergency telephone: (800) 424-9300
(703) 527-3887 (Outside continental U.S.)

Product name: Concrete and Masonry Sealer™

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

Chemical	CAS Number	TLV	STEL	PEL	CEIL	Weight %
Alkoxysilane	Proprietary	N.E.	N.E.	N.E.	N.E.	15.00-30.00 %

3. Hazards Identification

HMIS® rating: Health 1 Flammability 1 Reactivity 0 Personal Protection E

WHMIS class: D2B

Primary routes of entry: Skin contact
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.

Chronic Exposure: No known information available.

Carcinogenicity

Alkoxysilane	ACGIH N.E.	IARC N.E.	NTP N.E.	OSHA N.E.
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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 00)	Autoignition temperature:	Not data available
Lower explosion limit:	Not data available	Suitable extinguishing media:	Carbon dioxide (002) Dry chemical Water fog
Upper explosion limit:	Not data available		

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 self-contained breathing apparatus pressure-demand (MSHAINIOSH approved or equivalent) and full protective gear.

6. Accidental Release Measures

Methods for cleaning up: Wear appropriate protective equipment. 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

7. Handling and Storage

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

Storage: Keep container tightly closed when not in use.

**Concrete and Masonry Sealer™****8. Exposure Controls / Personal Protection**

- Eye protection: Wear as appropriate -
Safety goggles with a face shields
- 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 appropriate certified 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:	Off white	Physical state:	Liquid
Odor:	Mild alcoholic	pH (at 0 %):	7-8
Odor threshold:	No data available	Vapor pressure:	No data available
Vapor density:	Heavier than air	Boiling point/range:	208.00 °F (97.78 00)
Freeze point:	Not determined	Water solubility:	Completely soluble
Specific gravity:	0.99	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): <350 g/l

10. Stability and Reactivity

- Stability: Stable under recommended storage conditions.
- Conditions to avoid: Prolonged exposure to high temperatures
- Materials to avoid: Oxidizing agents
- Hazardous decomposition products: Thermal decomposition can lead to release of irritating gases and products vapours.
Oxides of carbon nitrogen oxides (NOx)
- Hazardous polymerization: Will not occur under normal conditions.



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11. Toxicological Information

	Type	Value	Species	Exposure Time
Acute inhalation toxicity				
Product	LC50	No data available		
Components				
Alkoxysilane	LC50	No data available		
Acute oral toxicity				
Product	LD50 (Oral)	No data available		
Component				
Alkoxysilane	LD50 (Oral)	No data available		
Acute dermal toxicity				
Product	LD50 (Dermal)	No data available		
Components				
Alkoxysilane	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. Transportation Information

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

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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 Amendment 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 the Reauthorization Act of 1986 and 40 CFR Part 372:

Weight %	CAS Number	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 hazardous substances whose amount equals or exceeds the assigned RQ. The following hazardous substances are contained in this product:

RQ	CAS Number	Chemical Name
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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:

CAS Number	Chemical Name
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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%:

CAS Number	Chemical Name
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75-07-0	Acetaldehyde
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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: Regulatory Affairs

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End of MSDS.