

NP 2/SL 2 ACTIVATOR

Version 1.3

06/28/2006

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 : NP 2/SL 2 ACTIVATOR

MSDS ID No. : 11035

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>
TOLUENE DIISOCYANATE MIX	26471-62-5	0.005 ppm	0.02 ppm	N.E.	N.E.	0.00 - 2.00 %

3. HAZARDS IDENTIFICATION

HMIS® Rating	HEALTH	FLAMMABILITY	PHYSICAL HAZARD
	2	1	0

WHMIS Class : D2B

Primary Routes of Entry : Skin contact
Inhalation
Eye contact

Effects of Overexposure

Inhalation : Can cause severe respiratory irritation.

Skin : May cause skin irritation and/or dermatitis. May cause sensitization by skin contact. Repeated or prolonged skin contact may cause allergic reactions with susceptible persons.

Eyes : Can cause moderate to severe irritation, redness, tearing and blurred vision.

Ingestion : Irritating to mouth, throat and stomach. Intake can cause gastrointestinal irritation, nausea, and vomiting.

NP 2/SL 2 ACTIVATOR

Version 1.3

06/28/2006

Chronic exposure : This product contains isocyanates. Prolonged repeated exposure to isocyanates can lead to skin sensitization. For persons so sensitized even brief exposures to an isocyanate can produce reddening, swelling, rash, or blisters. Similarly, prolonged and repeated exposure to isocyanates can lead to respiratory sensitization. In such individuals, brief exposures to isocyanates at levels well below established exposure limits can produce chemical asthma and nonspecific asthmatic conditions.

Carcinogenicity

	ACGIH	IARC	NTP	OSHA
TOLUENE DIISOCYANATE MIX	Sensitiser.	No data.	Anticipated 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 : 260.01 °F (126.67 °C)

Autoignition temperature : no data available

Lower explosion limit : no data available

Upper explosion limit : no data available

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

NP 2/SL 2 ACTIVATOR

Version 1.3

06/28/2006

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 : Store in a place accessible by authorized persons only. Store in cool, dry place. 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

Color : amber

Physical State : liquid

Odor : mild

pH : no data available

Odor Threshold : no data available

Vapor Pressure : no data available

NP 2/SL 2 ACTIVATOR

Version 1.3

06/28/2006

Vapor Density	:	Heavier than air
Boiling point/range	:	460.00 - 484.00 °F (237.78 - 251.11 °C)
Freeze Point	:	no data available
Water solubility	:	slightly soluble
Specific Gravity	:	1.10
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)	:	8 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 strong oxidizing agents
Hazardous decomposition products	:	Thermal decomposition can lead to release of irritating gases and vapours. Oxides of carbon
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>				
TOLUENE DIISOCYANATE MIX	LC50	no data available		

Acute oral toxicity

<u>Type</u>	<u>Value</u>	<u>Species</u>
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NP 2/SL 2 ACTIVATOR

Version 1.3

06/28/2006

Product LD50 (Oral) no data available

Component

TOLUENE DIISOCYANATE MIX LD50 (Oral) 4,130 mg/kg rat

Acute dermal toxicity

Type	Value	Species
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Product LD50 (Dermal) no data available

Component

TOLUENE DIISOCYANATE MIX LD50 (Dermal) 1,950 mg/kg

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
0.00 - 2.00 %	26471-62-5	TOLUENE DIISOCYANATE MIX

NP 2/SL 2 ACTIVATOR

Version 1.3

06/28/2006

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>
100 lbs	26471-62-5	TOLUENE DIISOCYANATE MIX

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>
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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>
26471-62-5	TOLUENE DIISOCYANATE MIX

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.