

# MATERIAL SAFETY DATA SHEET

## SECTION I - NAME AND PRODUCT

MANUFACTURER'S NAME <b>WOOSTER PRODUCTS INC</b>		REVISION DATE <b>April 9, 2007</b> Revision A: May 14, 2009	
ADDRESS (Street, City, State, and Zip Code) <b>1000 Spruce St, PO Box 6005, Wooster, OH 44691 Ph#330-264-2844</b>		Emergency Telephone No.  <b>Chemtrec: 1-800-424-9300</b>	
TRADE NAME <b>NITEGLOW® NG-100 Part B</b>			
PRODUCT CLASS: <b>Epoxy Hardener</b>	D.O.T. Hazard Class <b>8</b>	Packing Group: <b>III</b>	HMIS Code: <b>3 2 1 F</b>
I.D.	Proper Shipping Name : <b>Corrosive Liquid, N.O.S., 8, UN 1760, PG III</b>  <b>Exception: (Not more than 5 L) Consumer Commodity ORM- D</b>		

## SECTION II - HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

INGREDIENTS	CAS#	WEIGHT %	EXPOSURE LIMITS	
			ACGIH/TLV	OSHA/PEL
<u>Trade Secret</u> Cycloaliphatic Amine Mixture	N/A	<50	Not established	Not established
Fumed Silica	112945-52-5	<5	<u>Total Dust</u> 10 mg/m <sup>3</sup>	
Aluminum trihydrate	21645-51-2	< 60	<u>Respirable</u> 5 mg/m <sup>3</sup>  <u>Total Dust</u> 10 mg/m <sup>3</sup>	<u>Respirable</u> 5 mg/m <sup>3</sup>  <u>Total Dust</u> 15 mg/m <sup>3</sup>

## SECTION III - HAZARDS IDENTIFICATION

ROUTE(S) OF ENTRY	EFFECTS OF OVEREXPOSURE
<b>Skin Contact</b>	Corrosive to skin. Prolonged contact with skin may cause reddening, swelling, rash (hives) or sensitization. It may cause irritation and direct skin contact is the route of exposure most likely to cause sensitization.
<b>Eye Contact</b>	Corrosive to eyes. Burns of the eyes may cause blindness. Contact of diluted product with the eyes or skin quickly causes severe irritation and pain and may cause burns, necrosis and permanent injury.
<b>Inhalation</b>	Vapors and fumes may cause irritation of the respiratory tract (nose, throat, lungs) and may cause adverse respiratory effects such as cough, tightness of chest or shortness of breath.

## SECTION III - HAZARDS IDENTIFICATION ( con't )

<b>Ingestion</b>	Product may be toxic. May cause severe damage to mouth, throat and stomach. Obtain emergency medical help.
<b>Aggravated Medical Condition</b>	Pre-existing eye, skin, and respiratory disorders may be aggravated by exposure to fumes or vapors of this product. Existing allergies may increase the chance of developing increased allergy symptoms.
<b>Other</b>	This formula contains hazardous fillers which are not hazardous in a wet or encapsulated state. However, if a formula containing a hazardous filler is reduced to a respirable fraction by grinding or putting into an airborne powder, the powder is considered a hazardous material.  This product contains no carcinogens .

## SECTION IV - FIRST AID MEASURES

ROUTE(S) OF ENTRY	FIRST AID MEASURES
<b>Skin Contact</b>	Immediately remove contaminated clothing or shoes. Wipe excess from skin and flush with plenty of water for at least 15 minutes. Use soap if available or follow by washing with soap and water. Do not reuse clothing until thoroughly cleaned.
<b>Eye Contact</b>	Immediately flush eyes with plenty of water for at least 15 minutes while holding eyelids open and seek medical attention.
<b>Inhalation</b>	Remove victim to fresh air and provide oxygen if breathing is difficult. Give artificial respiration if not breathing and seek medical help immediately. Turn victims head to the side.
<b>Ingestion</b>	In the event of ingestion, administer 1 glass of water. Do not induce vomiting and get medical help immediately.

## SECTION V - FIRE AND EXPLOSION DATA

<b>Flash Point:</b> >200°F (PMCC)	<b>LEL:</b> Not Est.	<b>UEL:</b> Not Est.
<b>Extinguishing Media:</b> Dry Chemical, carbon dioxide, water spray, dry sand or limestone.		
<b>Auto Ignition Temp.:</b> Not known		
<b>Special Fire Fighting Procedures And Precautions:</b> Full emergency equipment with self-contained breathing apparatus and full protective clothing should be worn by fire fighters. Do not enter a confined space without full bunker gear, including a positive pressure NIOSH approved self-contained breathing apparatus. During fire, irritating and toxic gases may be generated by thermal decomposition or combustion.		

## SECTION VI - ACCIDENTAL RELEASE MEASURES

<b>SPILL OR LEAK PRODECURES:</b> Remove all sources of ignition and ventilate the area. Cover spill with clay, sand, saw dust, vermiculite, Fuller's earth or other suitable absorbent. Collect material in non-leaking containers and seal tightly for disposal. Refer to section XIII for disposal information.
--

**SECTION VII - HANDLING AND STORAGE**

**STORAGE:** Store indoors in a cool dry place away from heat, sparks and flame. Keep containers tightly closed when not in use. Keep away from acids and oxidizers. Use with adequate ventilation.

**SECTION VIII - EXPOSURE CONTROLS / PERSONAL PROTECTION**

**EYE PROTECTION:** Full face shields with goggles underneath. Contact lenses should not be worn.

**SKIN PROTECTION:** Avoid contact with skin and clothing. Use chemical resistant protective gloves such as neoprene rubber gloves, nitrile rubber gloves, cuffed butyl rubber gloves and other impermeable gloves.

**RESPIRATORY PROTECTION:** Avoid breathing vapors which may be produced under some conditions such as heating or applications. Avoid breathing aerosols and mists. Use NIOSH/MSHA approved respiratory protection equipment when airborne exposure is excessive. Observe OSHA regulations for respirator use (29 CFR 1910.134).

**VENTILATION:** General or local ventilation may prove adequate to keep airborne exposures below exposure limits.

**SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES**

<b>Boiling Point:</b> 195° C	<b>Vapor Density:</b> >1 (air=1)	<b>Evaporation Rate:</b> Not available
<b>Appearance:</b> Liquid	<b>Vapor Pressure:</b> Not available	<b>Solubility in water:</b> Negligible
<b>Specific Gravity:</b> 1.86	<b>Weight Per Gallon:</b> 15.56 lbs.	

**SECTION X - STABILITY AND REACTIVITY**

**Stability** Stable under normal conditions of storage and handling. **Polymerization:** Will not occur ✓

**Incompatibility (Materials to avoid):** Lewis or mineral acids, bases, oxidizing agents. A reaction accompanied by large heat release occur when the product is mixed with acids.

**Decomposition Products:** By heat and fire: Carbon dioxide, carbon monoxide, Ammonia when heated, Nitrogen oxide in the fire. Nitrogen oxide can react with water vapors to form corrosive nitric acid.

**SECTION XI - TOXICOLOGICAL INFORMATION**

**Chronic Data:** Data not available

**SECTION XII - ECOLOGICAL INFORMATION**

Data not available

**SECTION XIII - DISPOSAL CONSIDERATIONS****WASTE DISPOSAL METHOD:**

Waste must be disposed of in accordance with federal, state and local environmental control regulations. Incineration is the preferred method. Empty containers must be handled with care due to product residue. Do not heat or cut empty containers with electric or gas torch.

**SECTION XIV - TRANSPORTATION INFORMATION**

See Section I

**SECTION XIV - REGULATORY INFORMATION**

TSCA STATUS: All ingredients in this product are listed in the T.S.C.A. inventory.

CERCLA REPORTABLE QUANTITY: None

SARA TITLE III:

SECTION 302 EXTREMELY HAZARDOUS SUBSTANCE:	None
SECTION 311/312 HAZARD CATEGORIES:	None
SECTION 313 TOXIC CHEMICALS:	None

RCRA:

It is the responsibility of the product user to determine at the time of disposal whether a material containing the product or derived from the product should be classified as a hazardous waste. (40 CRF 261.20-24)

**CALIFORNIA PROPOSITION 65:** This product contains chemicals known in the State of California to cause cancer, birth defects, or other reproductive harm - None are listed

Although the information and recommendations set forth herein (hereinafter "information") are presented in good faith and believed to be correct as of the date hereof. Wooster Products Inc. makes no representations as to the completeness or accuracy thereof. Information is supplied upon the condition that the persons receiving same will make their own determination as to its suitability for their purposes prior to use. In no event will Wooster Products Inc. be responsible for damages of any nature whatsoever resulting from the use of, or reliance upon information. No representations or warranties, either expressed or implied, of merchantability, fitness for a particular purpose of any other nature are made hereunder with respect to information or the product to which information refers.