

# MATERIAL SAFETY DATA SHEET

## GENERAL INFORMATION

PRODUCT NAME OR NUMBER (as it appears on label) <b>Buchanan Green-B® and WGr Grounding &amp; Bonding Devices</b>		CATALOG NUMBER <b>BGR-1, BGR-B, WGR-x</b>
MANUFACTURER'S NAME <b>IDEAL INDUSTRIES, INC.</b>		EMERGENCY TELEPHONE NO. <b>(815) 895-5181</b>
ADDRESS (Number, Street, City, State, Zip Code) <b>Becker Place, Sycamore, IL 60178</b>		
HAZARDOUS MATERIAL DESCRIPTION, PROPER SHIPPING NAME, HAZARD CLASS, HAZARD CLASS, HAZARD ID NO. (49 CFR 172.101) <b>None</b>		
CHEMICAL DESCRIPTION <b>Polyamide, Zinc Plated Steel</b>	FORMULA <b>Proprietary</b>	

### SECTION I - INGREDIENTS

CAS REGISTRY NO.	%W	CHEMICAL NAME(S)*	Listed as a carcinogen in NTP, IARC or OSHA 1910(z) (specify)
32131-17-2	<60	Polyhexymethylene Adipamide	No
7439-89-6	<50	Steel	No
7440-66-6	<2	Zinc	No

### SECTION II - PHYSICAL DATA

BOILING POINT <b>N/A</b> °F °C	SPECIFIC GRAVITY (H <sub>2</sub> O=1) <b>&gt;1</b>	PERCENT VOLATILE BY VOLUME (%) <b>&lt;1</b>
SOLUBILITY IN WATER <b>Insoluble</b>	pH = <b>N/A</b>	PERCENT SOLID BY WEIGHT (%) <b>~100</b>
APPEARANCE AND ODOR		IS MATERIAL: LIQUID <input checked="" type="checkbox"/> SOLID <input type="checkbox"/> GEL <input type="checkbox"/> GAS <input type="checkbox"/> PASTE <input type="checkbox"/>

### SECTION III - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT <b>None</b> method used <b>C.O.C.</b>	FLAMMABLE LIMITS	LEL <b>None</b>	UEL <b>None</b>
EXTINGUISHING MEDIA <b>None Normally Required</b>			
SPECIAL FIRE FIGHTING PROCEDURES <b>Use extinguishing media for surrounding materials.</b>			
UNUSUAL FIRE AND EXPLOSION HAZARDS <b>Use self-contained breathing apparatus with full face shield.</b>			
<b>Polyamide material is a UL listed 94 V-2 flame rated product.</b>			

\* None of the chemical raw materials contained in this formulation are considered hazardous under the Federal Hazards Communication Standard 29 C. F. R 1910.1200

**SECTION IV - HEALTH HAZARD INFORMATION**

EFFECTS OF OVEREXPOSURE - Conditions to Avoid	
Prolonged, repeated skin contact with grease may slight skin discomfort.	
THRESHOLD LIMIT VALUE	
N/E	
PRIMARY ROUTES OF ENTRY Inhalation <input type="checkbox"/> Skin Contact <input checked="" type="checkbox"/> Other (specify) Ingestion	
EMERGENCY FIRST AID PROCEDURES	
SKIN CONTACT: See other precautions at bottom of page.	
EYE CONTACT: None	
INGESTION: Consult Physician	

**SECTION V - REACTIVITY DATA**

STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	Direct exposure to flame or excessive heat.
INCOMPATIBILITY (materials to avoid)			
Strong Oxidizing agents			
HAZARDOUS DECOMPOSITION PRODUCTS:			
Oxides of Carbon			
HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	X	None

**SECTION VI - SPILL AND LEAK PROCEDURES**

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED	
Sweep up to prevent tripping.	
WASTE DISPOSAL METHOD	
Landfill or incinerate in accordance with local, state and federal guidelines.	
CERCLA (Superfund) REPORTABLE QUANTITY (in lbs)	
N/A	
RCRA HAZARDOUS WASTE NO. (40CFR 261.33)	
N/A	
VOLATILE ORGANIC COMPOUND (VOC) (as packaged, minus water)	
N/A	
<sup>3</sup> Theoretical _____ lb/gal	NA
<sup>4</sup> Analytical _____ lb/gal	N/A

**SECTION VII - PERSONAL PROTECTION INFORMATION**

RESPIRATORY PROTECTION (specify type)			
None normally required.			
VENTILATION	LOCAL EXHAUST (Specify Rate)	None normally required.	SPECIAL N/A
	MECHANICAL (General) (Specify Rate)	Recommended in closed areas.	OTHER N/A
PROTECTIVE GLOVES (specify type)		EYE PROTECTION (specify type)	
		Per company policy.	
OTHER PROTECTIVE EQUIPMENT			
None			


**SECTION VIII - SPECIAL PRECAUTIONS**

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING	
Avoid excessive heat or open flames.	
OTHER PRECAUTIONS	
None	

**SECTION IX - ADDITIONAL INFORMATION**

None	
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N/A = Not Applicable, N.E. = None Established

<b>THIS MATERIAL SAFETY DATA SHEET PREPARED BY:</b>	
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TITLE Mgr., Construction Market Development	
DATE 03/29/2011	