



# MATERIAL SAFETY DATA SHEET

## GENERAL INFORMATION

PRODUCT NAME OR NUMBER (as it appears on label) <b>Grounding Screws</b>	CATALOG NUMBER <b>30-3194, 30-3294, 30-3494</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>Zinc-plated Steel</b>	FORMULA <b>See Below</b>

### SECTION I - INGREDIENTS

CAS REGISTRY NO.	%W	CHEMICAL NAME(S)*	Listed as a carcinogen in NTP, IARC or OSHA 1910(z) (specify)
7439-89-6	<100	Iron	No
7440-44-0		Carbon	
7439-96-5		Manganese	
7723-14-0		Phosphorus	
7446-09-5		Sulfur	
7440-21-3		Silicon	
7439-92-1		Lead	
1314-62-1		Vanadium	
13494-80-9		Tellurium	
7440-02-0		Nickel	
7440-47-3		Chromium	
7439-98-7		Molybdenum	
7440-69-9		Bismuth	
7440-50-8		Copper	
7429-90-5	Aluminum		
7440-66-6	<1	Zinc	No

### SECTION II - PHYSICAL DATA

BOILING POINT °F   °C   Solid	SPECIFIC GRAVITY (H <sub>2</sub> O=1) ~7.8	PERCENT VOLATILE BY VOLUME (%) N/A
SOLUBILITY IN WATER Insoluble	pH = N/A	PERCENT SOLID BY WEIGHT (%) 100
APPEARANCE AND ODOR Flexible plastic tubing, slight odor	IS MATERIAL: LIQUID <input checked="" type="radio"/> SOLID   GEL GAS   PASTE	

### SECTION III - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT   N/A   method used   ASTM 1929	FLAMMABLE LIMITS	LEL	UEL
		N.E.	N.E.
EXTINGUISHING MEDIA N/A			
SPECIAL FIRE FIGHTING PROCEDURES N/A			
UNUSUAL FIRE AND EXPLOSION HAZARDS N/A			

\* 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	None known
THRESHOLD LIMIT VALUE	None
PRIMARY ROUTES OF ENTRY Inhalation <input type="checkbox"/> Skin Contact <input checked="" type="checkbox"/> Other (specify)	
EMERGENCY FIRST AID PROCEDURES	
SKIN CONTACT:	No specific information for steel
EYE CONTACT:	No specific information for steel
INGESTION:	No specific information for steel

**SECTION V - REACTIVITY DATA**

STABILITY	UNSTABLE		CONDITIONS TO AVOID	None.
	STABLE	X		
INCOMPATIBILITY (materials to avoid)				
None				
HAZARDOUS DECOMPOSITION PRODUCTS:				
Metallic Dust Or Fumes May Be Produced During Welding, Burning, Grinding And Possibly Machining. Refer To ANSI Z49.1				
HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID	None
	WILL NOT OCCUR	X		

**SECTION VI - SPILL AND LEAK PROCEDURES**

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED	Sweep up to prevent slipping or tripping.
WASTE DISPOSAL METHOD	Disposal must comply with applicable Federal, State and Local disposal and discharge laws.
	Follow 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	N/A
	Analytical _____ lb/gal
	N/A

**SECTION VII - PERSONAL PROTECTION INFORMATION**

RESPIRATORY PROTECTION (specify type)			
In the event of excessive exposure to dust or fume, remove the employee to fresh air. If breathing is difficult administer artificial			
VENTILATION	LOCAL EXHAUST (Specify Rate)	None normally required.	SPECIAL
	MECHANICAL (General) (Specify Rate)	Recommended in closed areas.	OTHER
			N/A
PROTECTIVE GLOVES (specify type)	None	EYE PROTECTION (specify type)	Safety glasses.
OTHER PROTECTIVE EQUIPMENT	N/A		

**SECTION VIII - SPECIAL PRECAUTIONS**

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING	None normally required.
OTHER PRECAUTIONS	None normally required.

**SECTION IX - ADDITIONAL INFORMATION**


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

THIS MATERIAL SAFETY DATA SHEET PREPARED BY:	
NAME	James R. MacMurdo
TITLE	Manager, Construction Market Development
DATE	03-29-2011
SIGNATURE	