

MATERIAL SAFETY DATA SHEET

PRODUCT NAME OR NUMBER (as it appears on label)		CATALOG NUMBER
Grounding Screws		30-3194, 30-3294, 30-3494
MANUFACTURER'S NAME		EMERGENCY TELEPHONE NO.
IDEAL INDUSTRIES, INC.		(815) 895-5181
ADDRESS (Number, Street, City, State, Zip Code)		
Becker Place, Sycamore, IL 60178		
HAZARDOUS MATERIAL DESCRIPTION, PROPER SHIPPING NAME, HAZARD CLASS, HAZARD CLASS, HAZARD ID NO. (49 CFR 172.101)		
None		
CHEMICAL DESCRIPTION	FORMULA	
Zinc-plated Steel	See Below	

SECTION 1 - 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

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

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						

form #5100-048-01, rev. date 3/10/06

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	
³ Theoretical _____ lb/gal	N/A
³ 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 N/A
	MECHANICAL (General) (Specify Rate)	Recommended in closed areas.	OTHER N/A
PROTECTIVE GLOVES (specify type)		EYE PROTECTION (specify type)	
None		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	SIGNATURE 
TITLE	Manager, Construction Market Development	
DATE	03-29-2011	