



HMIS Rating

MATERIAL SAFETY DATA SHEET

GENERAL INFORMATION

PRODUCT NAME OR NUMBER (as it appears on label)	CATALOG NUMBER
Wing-Nut® wire connectors – all models	30-451, -452, -454, -092, -651, -652, -654, -292
MANUFACTURER'S NAME **IDEAL INDUSTRIES, INC.**	EMERGENCY TELEPHONE NO. **(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 Polypropylene, Zinc Plated Steel	FORMULA Proprietary

SECTION I - INGREDIENTS

CAS REGISTRY NO.	%W	CHEMICAL NAME(S)*	Listed as a carcinogen in NTP, I ARC or OSHA 1910(z) (specify)
25322-69-4	<71	Polypropylene	No
7439-89-6	<30	Steel	No
1309-64-4	<2	Antimony Trioxide	No

SECTION II - PHYSICAL DATA

BOILING POINT	SPECIFIC GRAVITY (H_2O=1)	PERCENT VOLATILE BY VOLUME (%)
N/A °F °C	N/A	<1
SOLUBILITY IN WATER	pH =	PERCENT SOLID BY WEIGHT (%)
Insoluble	N/A	~100
APPEARANCE AND ODOR		IS MATERIAL: LIQUID (SOLID) GEL GAS PASTE

SECTION III - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT None method used C.O.C.	FLAMMABLE LIMITS	LEL	UEL
		None	None

EXTINGUISHING MEDIA
None Normally Required

SPECIAL FIRE FIGHTING PROCEDURES
Use extinguishing media for surrounding materials.

UNUSUAL FIRE AND EXPLOSION HAZARDS
Use self-contained breathing apparatus with full face shield

Polypropylene material is a UL listed 94 V-2 flame rated product.

* 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

This product has not been evaluated as a whole. Constituents are either steel or are bound in a polymer matrix and potential for hazardous exposure is minimal. However, some fumes may be released upon heating and the user must take the necessary precautions (ventilation, personal protective equipment, etc.) to protect employees from exposure (see Section 8 – Special Precautions)

Hazardous Component: **Antimony Trioxide** OSHA PEL: **0.5 mg/m³ as Sb** ACGIH PEL: **0.5 mg/m³ as Sb**

THRESHOLD LIMIT VALUE	N/E
PRIMARY ROUTES OF ENTRY Inhalation ☐ Skin Contact ☒ 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 Direct exposure to flame or excessive heat.
	STABLE	X	

INCOMPATIBILITY (materials to avoid): Strong Oxidizing agents

HAZARDOUS DECOMPOSTION PRODUCTS: Oxides of Carbon

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 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

³ Theoretical _____ lb/gal NA ³ 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

This product contains the following materials that are subject to the reporting requirements of Section 313 of EPCRA: CAS # 1309-64-4, Antimony Trioxide, 1.4%

Warning: This product contains the following chemical(s) listed by the State of California under the Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65) as being known to cause cancer: Antimony Trioxide

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

THIS MATERIAL SAFETY DATA SHEET PREPARED BY:

NAME James R. MacMurdo	SIGNATURE
TITLE Director, Corporate QA	James R. MacMurdo
DATE: 4/27/03	