

MATERIAL SAFETY DATA SHEET

GENERAL INFORMATION

PRODUCT NAME OR NUMBER (as it appears on label) Pro-Pull™ Rope – all catalog numbers		CATALOG NUMBER 31-836 through 31-857
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	FORMULA Proprietary	

SECTION I - INGREDIENTS

CAS REGISTRY NO.	%W	CHEMICAL NAME(S)*	Listed as a carcinogen in NTP, IARC or OSHA 1910(z) (specify)
9003-07-0	99	Polypropylene	No
9002-88-4	1	Polyethylene	No

SECTION II - PHYSICAL DATA

BOILING POINT N/A °F °C	SPECIFIC GRAVITY (H ₂ O=1) N/A	PERCENT VOLATILE BY VOLUME (%) <1
SOLUBILITY IN WATER Insoluble	pH = N/A	PERCENT SOLID BY WEIGHT (%) ~100
APPEARANCE AND ODOR	IS MATERIAL: LIQUID <u>SOLID</u> GEL GAS PASTE	

SECTION III - FIRE AND EXPLOSION HAZARD DATA

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

* 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
THRESHOLD LIMIT VALUE N/E
PRIMARY ROUTES OF ENTRY Inhalation <input type="checkbox"/> Skin Contact <input checked="" type="checkbox"/> Other (specify) Molten polymer causes thermal burns.
EMERGENCY FIRST AID PROCEDURES SKIN CONTACT: For molten polymer, cool rapidly with water. Do not attempt to remove from skin. Obtain medical attention for burn. EYE CONTACT: Flush with water.
INGESTION: Flush with water for 15 minutes.

SECTION V - REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID Direct exposure to flame or excessive heat.
	STABLE	X	
INCOMPATIBILITY (materials to avoid) None			
HAZARDOUS DECOMPOSITION 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

None

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

THIS MATERIAL SAFETY DATA SHEET PREPARED BY:

NAME James R. MacMurdo	SIGNATURE 
TITLE Director, Corporate QA	
DATE: 07/17/2009	