Document # 6410-003

Flammability

Health **0** | **0** | **0** Reactivity

HMIS Rating

MATERIAL SAFETY DATA SHEET
GENERAL INFORMATION

PRODUCT NAME OR NUMBER (as it appears on label)	CATALOG NUMBER
Cable Ties	All "15" Series

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
Nylon 66 - Polyhexamethylene adipamide	$[NH(CH_2)_6NHCO(CH_2)_4CO]_n$

SECTION I - INGREDIENTS

CAS REGISTRY NO.	%W	CHEMICAL NAME(S)*	Listed as a carcinogen in NTP, I ARC or OSHA 1910(z) (specify)
32131-17-2	100	Nylon 6/6	No

SECTION II - PHYSICAL DATA

BOILING POINT °F 250°C	SPECIFIC GRAVITY (H₂O=1) N/A	PERCENT VOLATILE BY VOLUME (%) None
SOLUBILITY IN WATER None	pH = N/A	PERCENT SOLID BY WEIGHT (%) ~100

APPEARANCE AND ODOR
Solid plastic appearance with no odor

IS MATERIAL: LIQUID   (SOLID)   GEL
GAS   PASTE

SECTION III - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT N/A method used C.O.C.	FLAMMABLE LIMITS	LEL N/E	UEL N/E

EXTINGUISHING MEDIA
Water, Carbon dioxide, Foam, Dry Chemicals

SPECIAL FIRE FIGHTING PROCEDURES
None

UNUSUAL FIRE AND EXPLOSION HAZARDS
Large molten masses may ignite spontaneously in air. Water quenching of such masses is good practice.

* 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
No chronic effects known

THRESHOLD LIMIT VALUE
N/E

PRIMARY ROUTES OF ENTRY Inhalation ☐   Skin Contact ☒   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
			Avoid heating above 340°C.
	STABLE	X	

INCOMPATIBILITY (materials to avoid)
Avoid strong acids and oxidizing agents

HAZARDOUS DECOMPOSTION PRODUCTS:
Ammonia, carbon dioxide, hydrogen cyanide, aldehydes

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
Wipe up, shovel or vacuum spilled material

WASTE DISPOSAL METHOD
Comply with Federal, state and local regulations for solid landfill

CERCLA (Superfund) REPORTABLE QUANTITY (in lbs)
None Required

RCRA HAZARDOUS WASTE NO. (40CFR 261.33)
None Required

VOLATILE ORGANIC COMPOUND (VOC) (as packaged, minus water)
None

³ Theoretical _____ lb/gal   N/A   ³ Analytical _____ lb/gal   N/A

SECTION VII - PERSONAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (specify type)
None normally required

VENTILATION	LOCAL EXHAUST (Specify Rate) None	SPECIAL None
	MECHANICAL (General) (Specify Rate) recommended in closed areas	OTHER None

PROTECTIVE GLOVES (specify type)	EYE PROTECTION (specify type)
None	Safety glasses or splash goggles

OTHER PROTECTIVE EQUIPMENT
None normally required

SECTION VIII - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING
Store in cool dry place. Keep containers tightly closed to prevent moisture
absorption and contamination.

OTHER PRECAUTIONS
None normally required

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	James R. MacMurdo
DATE 03/10/2006	