



MATERIAL SAFETY DATA SHEET

GENERAL INFORMATION

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|--|------------------------|--|
| PRODUCT NAME OR NUMBER (as it appears on label) Buchanan B-Cap® Wire-Connector – all models | | CATALOG NUMBER B1-xx, B2-xx, B4-xx, BGr-xx |
| 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 Polyamide, Zinc Plated Steel | FORMULA Proprietary | |

SECTION I - INGREDIENTS

| CAS REGISTRY NO. | %W | CHEMICAL NAME(S)* | Listed as a carcinogen in NTP, IARC or OSHA 1910(z) (specify) |
|------------------|-----|-----------------------------|---|
| 32131-17-2 | <55 | Polyhexymethylene Adipamide | No |
| 7439-89-6 | <50 | Steel | No |
| 7440-66-6 | <2 | Zinc | No |
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SECTION II - PHYSICAL DATA

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| BOILING POINT N/A °F °C | SPECIFIC GRAVITY (H ₂ O=1) >1 | 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 POWDER |

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. | | | | |
| Polyamide 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

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| EFFECTS OF OVEREXPOSURE - Conditions to Avoid | |
| Prolonged repeated skin contact with grease may slight skin discomfort | |
| THRESHOLD LIMIT VALUE | |
| N/E | |
| PRIMARY ROUTES OF ENTRY Inhalation <input type="checkbox"/> Skin Contact <input checked="" type="checkbox"/> 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

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|--------------------------------------|----------------|---|---|
| STABILITY | UNSTABLE | | CONDITIONS TO AVOID |
| | STABLE | X | Direct exposure to flame or excessive heat. |
| INCOMPATIBILITY (materials to avoid) | | | |
| Strong Oxidizing agents | | | |
| HAZARDOUS DECOMPOSITION PRODUCTS: | | | |
| Oxides of Carbon | | | |
| HAZARDOUS POLYMERIZATION | MAY OCCUR | | CONDITIONS TO AVOID |
| | WILL NOT OCCUR | X | None |

SECTION VI - SPILL AND LEAK PROCEDURES

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| 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

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|---------------------------------------|-------------------------------------|-------------------------------|-------------|
| 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

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| PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING | |
| Avoid excessive heat or open flames | |
| OTHER PRECAUTIONS | |
| None | |

SECTION IX - ADDITIONAL INFORMATION

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

THIS MATERIAL SAFETY DATA SHEET PREPARED BY:

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|-------|--------------------------------|-----------------------------|
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| TITLE | Sr. Quality Assurance Engineer | |
| DATE | 02/14/2014 | |
| | | <i>Christopher B. Young</i> |