



ND INDUSTRIES, INC.
 1893 BARRETT ROAD
 TROY, MICHIGAN 48084
 (248) 288-0000 Fax: (248) 288-0022
24 hr. EMERGENCY CHEMTREC:
1-800-424-9300

PRODUCT: ND BiSeal 0603

MSDS ID: ND3180
 ORIG. DATE: 10/22/2003
 REV. DATE: 1/27/06
 REV. DATE: 12/17/08 PREPARED BY: Chemical Safety

SECTION I -Material Identification and Information H: 1 F: 1 R: 0 PPE:

| COMPONENTS | CAS # | PERCENT % | OSHA PEL | ACGIH TLV | OTHER LIMITS RECOMMENDED |
|------------------|-----------|------------------|----------|-----------|--------------------------|
| Polyamide Resins | ND-00-473 | Trade Secret 100 | n.e. | n.e. | |

This product is not considered hazardous a substance OSHA's Hazard Communication Standard (29 CFR 1910.1200)

All ingredients are listed on the TSCA Inventory. n.a.= not applicable / n.e.=not established

SECTION II -Physical and Chemical Characteristics

| | | | |
|-----------------------------|----------------------------------|----------------------------|------|
| BOILING POINT: | n.a. | VOC #/US gal. : | 0.00 |
| VAPOR DENSITY: | n.a. air = 1 | DENSITY OF COATING: | |
| VAPOR PRESSURE: | <0.001 mm Hg @ 20°C | | |
| MELTING POINT: | 140°C | | |
| SPECIFIC GRAVITY: | .96 water = 1 | | |
| EVAPORATION RATE: | Approx. 0 | | |
| WATER REACTIVE: | No | | |
| SOLUBILITY IN WATER: | No | | |
| APPEARANCE AND ODOR: | Amber solid with mild amine odor | | |

SECTION III - Fire and Explosion Hazard Data

FLASH POINT: n.a.
AUTOIGNITION TEMPERATURE: unknown
FLAMMABILITY LIMITS % IN AIR: LEL: unknown UEL: unknown
EXTINGUISHER MEDIA: Water fog, foam, carbon dioxide or dry chemical.

SPECIAL FIREFIGHTING PROCEDURES:

UNUSUAL FIRE HAZARDS AND CONDITIONS TO AVOID:

When packed in multi-wall paper bags with a discharge of contents, can accumulate electrostatic charges sufficient to ignite flammable or combustible vapors.

MATERIAL SAFETY DATA SHEET

PRODUCT: ND BiSeal 0603

SECTION IV - Reactivity Hazard Data

STABILITY: **stable:** X **unstable:**
HAZARDOUS POLYMERIZATION: **may occur:** **will not occur:** X

CONDITIONS TO AVOID: None known

INCOMPATIBILITY: None known

HAZARDOUS DECOMPOSITION PRODUCTS: Toxic oxides of carbon.

SECTION V - Health Hazard Data

PRIMARY ROUTES OF ENTRY: **INHALATION:** **INGESTION:** **SKIN ABSORPTION:**

EYE CONTACT: Unlikely route of exposure. Possible mechanical irritation.

FIRST AID: Rinse effected area with plenty of water and seek medical attention as necessary.

SKIN CONTACT: No hazard. Not likely a route of exposure.
Wash skin with plenty of soap and water.

FIRST AID:

INHALATION: Molten resin vapor or fumes may cause minor irritation of the respiratory tract. These vapors or fumes may cause sensitization and the development of an asthmatic reaction in certain sensitive individuals.

FIRST AID: Remove to fresh air.

INGESTION: Not likely a route of exposure.

FIRST AID: Emergency care should not be needed. Seek medical attention as seen necessary.

CHRONIC EFFECTS: None known

Carcinogenic: NO

MATERIAL SAFETY DATA SHEET

PRODUCT: ND BiSeal 0603

| Component | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|------------------|----------------|----------------|-----------------|
| Polyamide Resins | >15 g/kg (rat) | not determined | not determined |

SECTION VI - Control and Protective Measures

RESPIRATORY PROTECTION: As supplied, not necessary.

PROTECTIVE GLOVES: Nitrile gloves are recommended.

EYE PROTECTION: Safety glasses.

VENTILATION TO BE USED: LOCAL EXHAUST: **xx** MECHANICAL: SPECIFIC:
OTHER (specify):

PROTECTIVE CLOTHING AND EQUIPMENT: As supplied, this product should not require protective clothing.

HYGIENIC WORK PRACTICES: Always practice good personal hygiene when working with chemicals and wash hands after using product.

SECTION VII - Precautions for Safe Handling and Spill/Leak Procedures

STEPS TO BE TAKEN IF MATERIAL IS SPILLED OR RELEASED:

Sweep up solid material and dispose of properly.

WASTE DISPOSAL METHODS: Dispose of material in accordance with local, state and federal regulations.

SAFE HANDLING AND STORAGE: Care should be taken when transferring material from a multi-wall paper bag with a polyethylene or foil inner lining.

OTHER PRECAUTIONS AND SPECIAL HAZARDOUS INFORMATION:

**RECOMMENDED
NFPA/HMIS
RATING**

HEALTH 1

FLAMMABILITY 1

REACTIVITY 0

**PERSONAL
PROTECTION**

note: ratings may differ according to application, environment, and physical state.

MATERIAL SAFETY DATA SHEET

PRODUCT: ND BiSeal 0603

NOTES:

DOT Shipping name: Not Regulated

SECTION 313 SUPPLIER NOTIFICATION

Detaching this notification from the Material Safety Data Sheet is prohibited by law and any copying or distribution of same requires this attachment be included.

This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and 40 CFR 372:

| <u>CAS #</u> | <u>CHEMICAL NAME</u> | <u>% BY WEIGHT</u> |
|--------------|----------------------|--------------------|
|--------------|----------------------|--------------------|

This product contains the following materials that under California Proposition 65 of the Safe Drinking Water and Toxic Enforcement Act of 1986 are recognized to cause cancer or reproductive toxicity.

| <u>Material</u> | <u>CAS #</u> | <u>Concentration %</u> | <u>Cancer Agent</u> | <u>Reproductive Toxin</u> | <u>cancer agent & Reproductive Toxin</u> |
|-----------------|--------------|------------------------|---------------------|---------------------------|--|
|-----------------|--------------|------------------------|---------------------|---------------------------|--|

The information contained herein is based on the data available to us and is believed to be correct. However, ND Industries®, Inc. makes no warranty, expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof. Information is supplied upon the condition that the persons receiving same will make their own determination as to its suitability for their properties prior to use. Since conditions of use are beyond our control, all risks are assumed by the user.