

Fasteners

Fluted Nails



Product Details

The Fluted Nail is a hammer in, non-threading fastener designed to secure insulation and single ply membrane to structural concrete. The fastener is available in 1 1/2" and 2" lengths. The IB Fluted Nail is Factory Mutual and Dade County approved.

Application

Predrill a 3/16" hole using an SDS or straight shank bit. The fastener is then installed with a 2 lb. short handled sledge hammer. This fastener must be embedded a minimum of 1".

Length	Packaging	Weight
1 1/2"	500	10 lb
2"	500	12 lb
Longer lengths available upon request.		

- Spiral flutes greatly increase pullout resistance.
- Diamond point prevents hole damage.

The corrosion resistant coating on all IB Fasteners exhibits less than 15% red rust after 30 Kesternich cycles. This coating exceeds F.M. Approval standard 4470.

The data below is constant for each nail.

Shank Diameter:	.215
Head Diameter:	.435
Head Height:	.118
Head Style:	Flat top pan
Coating:	CR-10

Approvals:



Material Safety Data sheet

SECTION 1: PRODUCT IDENTIFICATION

Product Name: Roofing & Construction Products CAS#: Mixture / None Assigned

Generic Name: Fasteners, Plates mid Termination Bar Formula: Article

Chemical Name: Article Hazard Label Not Required

Supplier: IB ROOF SYSTEMS
2877-B CHAD DRIVE
EUGENE, OR 97408

Mfg: Olympic Manufacturing, Inc.
Telephone: 413-789-0252
Emergency: 800-789-0252

Trade Names:

Roofing Screws, Concrete Drive Nails, Fluted Concrete Nails, Base Sheet Fasteners, Purlin Screws, Tectum Lite Deck Fasteners, Stainless Roofing Screws, Masonry Anchors, Termination Bars, Sled Plates, Toggle Bolts, Deck Screws, Timberlok, Olylog, Post Frame Screws, Gutter Screws Sheet Metal Screws, Structural Insulated Panel Fasteners, RuffNex Screws.

SECTION 2: INGREDIENTS

Ingredient Name CAS # % Exposure Limit(s)

The products listed above are articles as so defined by the OSHA Hazard Communication Standard at 29 CFR19: 0.1200. Each has an end-use that is dependent upon its shape and design, and will not release or otherwise result in exposure to hazardous chemicals under normal conditions of use.

SECTION 3: HAZARD IDENTIFICATION

EMERGENCY OVERVIEW

APPEARANCE AND ODOR: Various shapes, designs and colors with metal and plastic parts. Under normal conditions of use, this product is not expected to create any unusual emergency hazards. In the event of tire, use normal tire fighting procedures to prevent inhalation of smoke and gases.

Potential Health Effects

Summary: The products listed *above* are articles as so defined by the OSHA Hazard Communication Standard at 29 CFR 1910.1200. Each has an end-use that is dependant upon its shape and design, and will not release or otherwise result in exposure to hazardous chemicals under normal condition of use. Consequently, no health effects from working with these products are expected to occur.

Acute (short-term) Health Effects: None known. **Chronic (long-term) Health Effects:** None known. **Target Organs:** None. **Primary Routes of Entry (Exposure):** None

Symptoms of Overexposure

Inhalation: Not applicable.
applicable

Skin: Not applicable. **Absorption:** Not applicable. **Ingestion:** Not applicable.
Eye: Not applicable.

SECTION 4: FIRST AID MEASURES

Inhalation: Not applicable. **Skin:** Not applicable. **Absorption:** Not applicable.
Ingestion: Not applicable. **Eye:** Not applicable.

SECTION 5: FIRE FIGHTING MEASURES

Summary: No special procedures are expected to be necessary for this product. Normal fire fighting procedures should be followed to avoid inhalation of smoke and gases.

Unusual Fire/Explosion Hazards: There is no potential for fire or explosion.

Flammable Properties and Explosive Limits

Flash Point: Not applicable **Lower Explosive Limit (LEL):** Not applicable

FP Test Method: Not applicable **Upper Explosive Limit (UEL):** Not applicable

Autoignition Temperature: Not determined **Flame Classification:** Not determined

Decomposition Temperature: Not determined **Flame Propagation:** Not determined

SECTION 6: ACCIDENTAL SPILL / RELEASE MEASURES

Containment Procedures: Pick up large pieces.

Disposal: Wastes are not hazardous as defined by the Resource Conservation and Recovery Act (RCRA; 40 CFR 261). Comply with state and local regulations for disposal of solid wastes. If you are unsure of the regulations, contact your local Public Health Department, or the local offices of the Environmental Protection Agency (EPA).

SECTION 7: HANDLING AND STORAGE

Conditions to Avoid: No special procedures are required for handling or storage of these products.

SECTION 8: EXPOSURE CONTROL/PERSONAL PROTECTION

Summary: No special protective measures are necessary for use of these products in that they are articles, and under normal conditions of use they are not expected to release, or otherwise result in exposure to a hazardous chemical.

Eye: Not required. **Skin:** Not required

Respiratory: Respiratory protection is not required when using this product

Ventilation: No special ventilation systems are required when using this product.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point (°F/~C): Not determined

Evaporation Rate (Butyl acetate = 1): Not applicable

Melting Point: Not applicable. **pH:** Not applicable **Saturation in Air (%):** Not Applicable

Solids Content: Not applicable

Specific Gravity (Water = 1): Variable

Vapor Density (Air = 1): Not applicable

Vapor Pressure: Not applicable

Viscosity: Not applicable

VOCs (g/liter): Not applicable

Volatile by Volume (%): 0

Water Solubility (%): Nil

Appearance and Odor: Various shapes, designs and colors with metal and plastic parts.

SECTION 10: STABILITY AND REACTIVITY

Product is stable. Hazardous polymerization will not occur.

Reactivity: This product is not reactive.
Hazardous Decomposition Products: None known.

SECTION 11: DISPOSAL CONSIDERATIONS

Summary: Wastes are not hazardous as defined by the Resource Conservation and Recovery Act (RCRA; 40 CFR. 261) Comply with state mid local regulations for disposal of solid wastes. If you are unsure of the regulations, contact your local Public Health Department, or the local offices of the Environmental Protection Agency (*EPA*).

SECTION 12: TRANSPORT INFORMATION

Transportation Summary: This product is not regulated as a hazardous material for transport.

SECTION 13: REGULATORY INFORMATION

U. S. REGULATIONS

Federal Regulatory: The Occupational Safety and Health Administration (OSHA). National Toxicology Program (NTP). International Agency for Research (in Cancer (IARC), and American Conferences of Governmental Industrial Hygienists (ACGIH) have not classified this product as a carcinogen.

Environmental Regulations: There are no components in this product regulated by the Environmental Protection Agency (EPA) under the Superfund Amendments and Reauthorization Act (SARA Title III); the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). or the Toxic Substance Control Act (TSCA).

SECTION 14: OTHER INFORMATION

For additional information concerning this product, contact Olympic Manufacturing Group, Inc. P.O. Box 508, Agawam, MA 01001 or call toll-free 800-633-3800 within the US or Canada. Otherwise, call 413-189-0252.

As of the date of preparation of this document, the foregoing information is believed to be accurate and is provided in good faith to comply with applicable federal and state law(s). However, no warranty or representation with respect to such information is intended or given.