
MATERIAL SAFETY DATA SHEET

page 1 of 2

Trade Name: RAPTOR® composite nails and staples and clamp nails including B/18-044, B/18-063, B/18-075, B/18-100, F/16-100, F/16-150, F/16-175, F/15-075, F/15-100, F/15-125, F/15-150, F/15-200, F/14-225, P/16-044, P/16-063, P/16-075, P/18-044, P/18-063, P/18-080, P/18-100, S/05-25, S/05-25LF, S/05-37, S/05-37LF, S/05-55, SH/05-37, SH/05-37LF, SH/05-55, CL-050; CL-100; CL-275; CL-400; COIL-5; COIL-8

Issued: January 28, 2005

Supersedes: 01-11174-1, 01-11119-1, 01-11290-1

Document: 01-01285-1

1. IMPORTANT COMPONENTS**CAS. NO.**High strength polymer
Fiberglassunknown
65997-17-3 ACGIH TLV 10 mg/m³ (as dust)

2. PHYSICAL DATA

Boiling point	N/A
Vapor pressure	N/A
Vapor density	N/A
Evaporation rate	N/A
Solubility in water	negligible, <0.1%
Specific gravity	1.5
% Volatile	N/A
Volatile organics	N/A
VOC less H ₂ O and Exempt Solvents	N/A
pH	N/A
Viscosity	N/A
Softening point	600°F
Appearance and Odor	light tan collated nails & staples of various size, odorless

3. FIRE & EXPLOSION HAZARD

Flash Point:	Above 600°F (316°C)
Autoignition Temperature:	ND
Extinguishing Media:	Agents approved for Class A hazards (halogenated agents, foam, steam) or water fog
Unusual Fire & Explosion Hazards:	If heated in contact with polyacetal or polyoxymethylene material, this product can rapidly decompose at temperatures above about 550°F (287°C)
HMIS/NFPA Codes:	Health: 1; Flammability: 1; Reactivity: 0

4. REACTIVITY DATA

Stability:	Stable
Dangerous reactions:	None identified
Hazardous Decomposition:	incomplete burning can produce carbon monoxide, carbon dioxide, nitrous oxides and other harmful products, see "Other" below
Other:	degradation products include trace amounts of methylacrylonitrile, aldehydes, ammonia and other organic vapors

5. ENVIRONMENTAL INFORMATION

Storage requirements:	no special requirements
Spills & Leaks:	N/A
Waste disposal:	Disposal must be in accordance with applicable federal, state and local regulations. Determine waste classification at the time of disposal. Enclosed, controlled incineration is recommended unless directed otherwise by applicable ordinances.

MATERIAL SAFETY DATA SHEET

page 2 of 2

6. HEALTH HAZARD INFORMATION

- Eye contact:
- 1) no significant irritation expected other than possible mechanical irritation
First Aid: flush eyes with large amounts of water; get medical attention if irritation persists
Protection: none required; however, use of eye protection is good practice
 - 2) vapors from heated/burned material may cause eye irritation
First Aid: flush eyes with large amounts of water; get medical attention if irritation persists
Protection: none required; however, use of eye protection is good practice
- Skin Contact:
- 1) no significant irritation expected other than possible mechanical irritation
First Aid: flush exposed area with plenty of cold water
Protection: none required; however, use of protective gloves and clothing is good practice
- Inhalation:
- 1) no significant irritation expected; see toxicology section
First Aid: if adverse effects occur, remove to uncontaminated area; get medical attention
Protection: if dust is generated and ventilation is inadequate, use appropriate NIOSH/OSHA certified respirator which will protect against dust: half mask organic vapor respirator with dust/mist pre-filter
 - 1) Although respiratory irritation would not be expected where adequate ventilation and proper incineration containment is utilized, inadequate ventilation and inadequate incineration containment may result in exposure to thermal degradation and decomposition products as indicated in Section 4 of the MSDS (Reactivity Data-Hazardous Decomposition). The vapors of heated material may cause respiratory system irritation.
First Aid: if adverse effects occur, remove to uncontaminated area; get medical attention
Protection: avoid inhalation of fumes; use appropriate NIOSH/OSHA approved respirator based on airborne concentration of contaminants: half mask organic vapor respirator with dust/mist pre-filter
- Ingestion:
- 1) not a likely route of exposure to this product, but expected to be relatively non-toxic
First Aid: if a large amount is swallowed, get medical attention
-

7. TOXICOLOGICAL INFORMATION

Specific toxicology tests have not been conducted on this product. Our hazard evaluation is based on information from similar products, the ingredients and technical literature. Fiberglass particles may be released by the handling and/or use of this product. Chronic, long term inhalation of fibrous glass can harm the lungs. Dust generated by the handling or use of this product may be irritating to the eyes, skin, nose and throat.

No compound of this product is identified as a carcinogen by NTP, IARC or OSHA.

ISSUE INFORMATION

By: Pamela S. Tucker
Utility Composites Intl, Ltd

The information in this MSDS is offered to you in good faith as accurate. The information represents our current data and best opinion as to the proper use in handling this material under normal conditions. Health and safety precautions in this data sheet

may not be adequate for all individuals and/or situations. It is the user's obligation to evaluate and use this product safely and to comply with all applicable laws and regulations.