Nikro 860750, FOSTERS 40-11, Duct Liner Sealer, (5 Gal) GTIN: 4900221097



Model Number: 860750

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Manufacturer: Nikro

FOSTERS 40-11 Duct Liner Sealer

A low odor quick setting water based surfacing material designed for unfaced fiberglass duct liner or fiberglass duct board insulation. Color is Black.

MATERIAL SAFETY DATA SHEET

REVISION DATE: 08-26-2009 SUPERSEDES: 07-30-2008
SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION
COMPANY INFORMATION
Specialty Construction Brands, Inc.
An H.B. Fuller Company
1105 S. Frontenac Street
Aurora, IL 60504
Phone: 1-800-323-7407
Medical Emergency Phone Number (24 Hours): 1-888-853-1758
Transport Emergency Phone Number (CHEMTREC): 1-800-424-9300
PRODUCT INFORMATION
PRODUCT NUMBER: FD4011
PRODUCT DESCRIPTION: Coating
PRODUCT IDENTIFIER: 815248PM
SECTION 2: HAZARDS IDENTIFICATION
EMERGENCY OVERVIEW
PHYSICAL STATE: Liquid
COLOR: Black
ODOR: Mild Sweet
POTENTIAL HEALTH EFFECTS BY ROUTE OF ENTRY
EYE: Can cause minor irritation, tearing and reddening.
SKIN: Can cause minor skin irritation, defatting, and dermatitis.
INHALATION: Can cause minor respiratory irritation. Inhalation of dusts produced during cutting, grinding or
sanding of this product may cause irritation of the respiratory tract.
Overexposure to barium dust/fume may cause baritosis.
This product contains one or more materials that may be hazardous when present as an airborne dust. During normal
handling of the product, the material is encapsulated within the product and will not present an exposure risk. Once

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the product has reached its final state and is abraded or disturbed, dusting and exposure may occur.
INGESTION: Ingestion is not an anticipated route of exposure. No hazard in normal industrial use.
LONG-TERM (CHRONIC) HEALTH EFFECTS
TARGET ORGAN(S): Lungs
REGULATED CARCINOGEN STATUS:
Unless noted below, this product does not contain regulated levels of NTP, IARC, ACGIH, or OSHA listed
carcinogens.
EXISTING HEALTH CONDITIONS AFFECTED BY EXPOSURE: Lung disease
SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS
Chemical Name CAS # PERCENT
Aluminum hydroxide 21645-51-2 10 - 30
Barium compound 13701-59-2 5 - 10
Zinc oxide 1314-13-2 1 - 5
C.I. Pigment Black 11 12227-89-3 1 - 5
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Unlisted ingredients are not 'hazardous' per the Occupational Safety and Health Administration Hazard
Communication Standard (29 CFR 1910.1200) and/or are not found on the Canadian Workplace Hazardous
Materials Information System ingredient disclosure list. See Section 8 for exposure limit guidelines.
SECTION 4: FIRST AID MEASURES
IF IN EYES: Use an eye wash to remove a chemical from your eye regardless of the level of hazard. Flush the
affected eye for at least twenty minutes. Tilt the head to prevent chemical from transferring to the uncontaminated
eye. Seek medical advice after flushing.
IF ON SKIN: Wash with soap and water. Get medical attention if irritation develops or persists.
IF VAPORS INHALED: Remove to fresh air. Call a physician if symptoms persist.
IF SWALLOWED: Do not induce vomiting. Seek medical attention if symptoms develop. Provide medical care
provider with this MSDS. Induced vomiting may lead to aspiration of the material into the lungs potentially causing
chemical pneumonitis that may be fatal.
SECTION 5: FIRE FIGHTING MEASURES
FLASH POINT: Non flammable
AUTOIGNITION TEMPERATURE: Not established
LOWER EXPLOSIVE LIMIT (% in air): Not established

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UPPER EXPLOSIVE LIMIT (% in air): Not established
EXTINGUISHING MEDIA: Use water spray, foam, dry chemical or carbon dioxide.
UNUSUAL FIRE AND EXPLOSION HAZARDS: There is a possibility of pressure buildup in closed containers
when heated. Water spray may be used to cool the containers.
SPECIAL FIRE FIGHTING INSTRUCTIONS: Persons exposed to products of combustion should wear selfcontained
breathing apparatus and full protective equipment.
HAZARDOUS COMBUSTION PRODUCTS: Carbon dioxide, Carbon monoxide Metal fumes Phosphorus
compounds
SECTION 6: ACCIDENTAL RELEASE MEASURES
SPECIAL PROTECTION: No adverse health effects expected from the clean-up of spilled material.
Follow personal protective equipment recommendations found in Section 8
of this MSDS.
CLEAN-UP: Dike if necessary, contain spill with inert absorbent and transfer to containers
for disposal. Keep spilled product out of sewers, watersheds, or water
systems.
Transport Emergency Phone Number (CHEMTREC): 1-800-424-9300
SECTION 7: HANDLING AND STORAGE
Handling: No special handling instructions due to toxicity.
Storage: Store in a cool, dry place.
Consult the Technical Data Sheet for specific storage instructions.
SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION
EYE PROTECTION: Wear safety glasses when handling this product.
SKIN PROTECTION: Avoid skin contact by wearing chemically resistant gloves.
GLOVES: Not normally required. Use nitrile gloves if conditions warrant.
RESPIRATORY PROTECTION: Respiratory protection may be required to avoid overexposure when
handling this product. Use a respirator if general room ventilation is
not available or sufficient to eliminate symptoms.
Respirators should be selected by and used following requirements
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found in OSHA's respirator standard (29 CFR 1910.134).
VENTILATION: Use local exhaust ventilation or other engineering controls to minimize exposures.
EXPOSURE LIMITS:

Chemical Name	ACGIH EXPOSURE LIMITS	OSHA PEL
Aluminum hydroxide	Not established	Not established
Barium compound	Not established	Not established

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Zinc oxide 2 mg/m3 TWA (respirable fraction)
10 mg/m3 STEL (respirable fraction)
5 mg/m3 TWA (fume); 15 mg/m3 TWA (total
dust); 5 mg/m3 TWA (respirable fraction)
C.I. Pigment Black 11 Not established Not established
SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES
PHYSICAL STATE: Liquid
COLOR: Black
ODOR: Mild Sweet
ODOR THRESHOLD: Not established
WEIGHT PER GALLON (lbs.): 11.00
SPECIFIC GRAVITY: 1.33
SOLIDS (% by weight): 51.0
pH: 9.4
FLASH POINT: Non flammable
BOILING POINT (deg. C): Not established
FREEZING/MELTING POINT (deg. C): Not established
VAPOR PRESSURE (mm Hg): Not established
VAPOR DENSITY: Not established
EVAPORATION RATE: Not established
OCTANOL/WATER COEFFICIENT: Not established
VOC, weight percent Not determined
SECTION 10: STABILITY AND REACTIVITY
STABILITY: Stable under normal conditions.
CHEMICAL INCOMPATIBILITY: Not established
HAZARDOUS POLYMERIZATION: Will not occur.
HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, carbon dioxide
Metal fumes
Phosphorus compounds
SECTION 11: TOXICOLOGICAL INFORMATION
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COMPONENT LD50/LC50
Aluminum hydroxide Not established
Barium compound Not established
Zinc oxide Oral LD50 Mouse > 950 mg/kg
Inhalation LC50 Mouse = 2500 mg/cu m (no duration specified)
C.I. Pigment Black 11 Not established
TOXICOLOGY SUMMARY: No additional health information available.
SECTION 12: ECOLOGICAL INFORMATION
OVERVIEW: No ecological information available
SECTION 13: DISPOSAL CONSIDERATIONS
To the best of our knowledge, this product does not meet the definition of hazardous

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waste under the U.S. EPA
Hazardous Waste Regulations 40 CFR 261. Solidify and dispose of in an approved landfill. Consult state, local or
provincial authorities for more restrictive requirements.
SECTION 14: TRANSPORTATION INFORMATION
Consult Bill of Lading for transportation information.
DOT: NOT REGULATED
IATA: NOT REGULATED
SECTION 15: REGULATORY INFORMATION
INVENTORY STATUS
U.S. EPA TSCA: This product is in compliance with the Toxic Substances Control Act's
Inventory requirements.
CANADIAN CEPA DSL: The components of this product are included on the DSL or are exempt from
DSL requirements.
EUROPEAN EINECS: As a result of the introduction of REACH into Europe, this product cannot be
imported into Europe unless the REACH requirements are met.
AUSTRALIA AICS: This product is in compliance with the Australian Inventory of Chemical
Substances requirements.
If you need more information about the inventory status of this product call 651-236-5858.
This product may contain chemical substances that are regulated for export by various government agencies (such as
the Environmental Protection Agency, the Bureau of Industry and Security, or the Drug Enforcement
Administration, among others). Before exporting this product from the USA or Canada, we recommend you contact
us at 651-236-5858 (USA) or 450-655-1306 x227 (Canada) to request an export review.
FEDERAL REPORTING
EPA SARA Title III Section 313
Unless listed below, this product does not contain toxic chemical(s) subject to the reporting requirements of section
313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) and 40 CFR part 372. EPA
has advised that when a percentage range is listed the midpoint may be used to fulfill reporting obligations.
Chemical Name CAS# %
Barium compounds 13701-59-2 5 - 10
Zinc compounds 1314-13-2 1 - 5
Manganese compounds 12227-89-3 1 - 5
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WHMIS STATUS: Unless listed below, this product is not controlled under the Canadian Workplace Hazardous
Materials Information System.
STATE REPORTING
Proposition 65, The Safe Drinking Water and Toxic Enforcement Act of 1986: Unless listed below, this product does not contain known levels of any chemical known to the State of California to
cause cancer or reproductive harm.
Chemical Name/List CAS Percent
Quartz (Carcinogen) 14808-60-7 0.01 - 0.1
Acetaldehyde (Carcinogen) 75-07-0 0.001 - 0.01
Formaldehyde (Carcinogen) 50-00-0 0.001 - 0.01
Nickel (Carcinogen) 0.001 - 0.01
Lead compounds (Carcinogen) < 10 ppm
Cadmium (Carcinogen) 7440-43-9 < 10 ppm
Lead (Carcinogen) 7439-92-1 < 10 ppm
Arsenic compounds (inorganic) (Carcinogen) 7440-38-2 < 10 ppm
Arsenic compounds (inorganic) (Carcinogen) < 10 ppm
Cadmium (Developmental toxin) 7440-43-9 < 10 ppm
Lead (Developmental toxin) 7439-92-1 < 10 ppm
Lead (Female reproductive toxin) 7439-92-1 < 10 ppm
Cadmium (Male reproductive toxin) 7440-43-9 < 10 ppm
Lead (Male reproductive toxin) 7439-92-1 < 10 ppm
SECTION 16: ADDITIONAL INFORMATION
This Material Safety Data Sheet is prepared to comply with the United States Occupational Safety and Health
Administration (OSHA) Hazard Communication Standard (29 CFR 1910.1200) and the Canadian Workplace
Hazardous Materials Information System (WHMIS).
HMIS RATING: HEALTH -- 0 FLAMMABILITY -- 0 REACTIVITY -- 0
See SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION for personal protective equipment
recommendations.
Prepared by: The Global Regulatory Department
Phone: 651-236-5842
The information and recommendations set forth herein are believed to be accurate. Because some of the information
is derived from information provided to Specialty Construction Brands, Inc. from its suppliers, and because
Specialty Construction Brands, Inc. has no control over the conditions of handling and use, Specialty Construction
Brands, Inc. makes no warranty, expressed or implied, regarding the accuracy of the data or the results to be

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the user of Specialty Construction Brands, Inc. products to comply with all applicable federal, state and local laws
and regulations.

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Availability: This product was added to our catalog on Tuesday 04 November, 2008

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