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Model Number: 860750

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

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

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.

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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

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.

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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

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

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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 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.

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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

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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

obtained from the use thereof. The information is supplied solely for your information and consideration, and

Specialty Construction Brands, Inc. assumes no responsibility for use or reliance thereon. It is the responsibility of

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