

MATERIAL SAFETY DATA SHEET

REVISION DATE: 07-25-2012

SUPERSEDES: 08-13-2009

SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**COMPANY INFORMATION**

H.B. Fuller Construction Products Inc.
1105 S. Frontenac Street
Aurora, IL 60504
Phone: 1-800-552-6225

Medical Emergency Phone Number (24 Hours): 1-888-853-1758
Transport Emergency Phone Number (CHEMTREC): 1-800-424-9300

PRODUCT INFORMATION

PRODUCT NUMBER: FOSTER 30-15
PRODUCT NAME: FOSTER 30-15
PRODUCT DESCRIPTION: Coating
PRODUCT IDENTIFIER: 802251PM

SECTION 2: HAZARDS IDENTIFICATION**EMERGENCY OVERVIEW**

PHYSICAL STATE: Liquid
COLOR: White
ODOR: Mild Solvent

Combustible

Moderate eye irritant.

Causes skin irritation. May cause allergic skin reaction.

Moderate respiratory tract irritant. May cause an allergic respiratory reaction.

Harmful if swallowed.

POTENTIAL HEALTH EFFECTS BY ROUTE OF ENTRY

EYE: Can cause moderate irritation, tearing and reddening, but not likely to permanently injure eye tissue. May result in cornea opacity (clouding of the eye surface).

SKIN: Can cause moderate skin irritation, defatting, and dermatitis. Not likely to cause permanent damage. May cause sensitization.

Component(s) may be absorbed through intact skin, but it is unlikely that harmful effects will occur unless contact is prolonged, repeated, and extensive.

INHALATION: Can cause moderate respiratory irritation. Inhalation of dusts produced during cutting, grinding or sanding of this product may cause irritation of the respiratory tract.

Long term overexposure to some resin acids (colophony) fumes may lead to respiratory sensitization.

Other possible symptoms include coughing or wheezing.

Inhalation of high concentrations may result in central nervous system (CNS) effects such as dizziness, weakness, fatigue, nausea, headache, and lack of coordination.

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. Harmful if swallowed. Irritating to mouth, throat, and stomach.

LONG-TERM (CHRONIC) HEALTH EFFECTS

TARGET ORGAN(S): Kidneys Central nervous system Lungs Blood Skin Liver

REGULATED CARCINOGEN STATUS:

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Unless noted below, this product does not contain regulated levels of NTP, IARC, ACGIH, or OSHA listed carcinogens.

Titanium dioxide

Antimony trioxide

Naphthalene

Ethylbenzene

EXISTING HEALTH CONDITIONS AFFECTED BY EXPOSURE: Kidney disease; Lung disease; Blood disorders (like anemia); Skin disease including eczema and sensitization; Liver disease

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS #	PERCENT
Stoddard solvent	8052-41-3	30 - 50
Aluminum hydroxide	21645-51-2	10 - 30
Calcium sulfate	7778-18-9	10 - 30
Chlorinated paraffin	63449-39-8	5 - 10
Talc	14807-96-6	1 - 5
Titanium dioxide	13463-67-7	1 - 5
Aromatic petroleum distillate	64742-95-6	1 - 5
Trimethyl benzene	25551-13-7	1 - 5
Trimethylbenzene, 1,2,4-	95-63-6	1 - 5
Wood rosin	8050-09-7	0.1 - 1
Cumene	98-82-8	0.1 - 1
Antimony trioxide	1309-64-4	0.1 - 1
Naphthalene	91-20-3	0.1 - 1
Ethylbenzene	100-41-4	0.1 - 1

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: Flush eyes with plenty of water for at least 20 minutes retracting eyelids often. Tilt the head to prevent chemical from transferring to the uncontaminated eye. Get immediate medical attention.

IF ON SKIN: Wash with soap and water. Remove contaminated clothing and launder. Get medical attention if irritation develops or persists.

IF VAPORS INHALED: Remove to fresh air. Restore breathing, if necessary. Call a physician if symptoms persist.

IF SWALLOWED: Do not induce vomiting. Seek medical attention immediately. Drink two glasses of water or milk to dilute. Do not give anything by mouth to an unconscious person. Induced vomiting may lead to aspiration of the material into the lungs potentially causing chemical pneumonitis that may be fatal.

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SECTION 5: FIRE FIGHTING MEASURES

FLASH POINT:	38C; 100F TCC
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:	Vapors are heavier than air and can travel to a source of ignition and flash back.
SPECIAL FIRE FIGHTING INSTRUCTIONS:	Persons exposed to products of combustion should wear self-contained breathing apparatus and full protective equipment.
HAZARDOUS COMBUSTION PRODUCTS:	Carbon dioxide, Carbon monoxide Sulfur containing gases Chlorine containing gases

SECTION 6: ACCIDENTAL RELEASE MEASURES

SPECIAL PROTECTION: Exposure to the spilled material may be irritating or harmful. Follow personal protective equipment recommendations found in Section 8 of this MSDS. Additional precautions may be necessary based on special circumstances created by the spill including; the material spilled, the quantity of the spill, the area in which the spill occurred. Evaporation of volatile substances can lead to the displacement of air creating an environment that can cause asphyxiation.

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.

Shut off ignition sources; including electrical equipment and flames. Do not allow smoking in the area.

Transport Emergency Phone Number (CHEMTREC): 1-800-424-9300

SECTION 7: HANDLING AND STORAGE

Handling: Harmful or irritating material. Avoid contacting and avoid breathing the material. Use only in a well ventilated area.

Keep away from heat, sparks and flame.

Wash thoroughly after handling.

Keep container closed.

Emptied container retains vapor and product residue.

Observe all labeled precautions until container is cleaned.

Drums of this material should be grounded when pouring.

DO NOT CUT OR WELD ON OR NEAR THIS CONTAINER.

Storage: Store in a cool, dry, ventilated location. Keep away from heat and flame. Keep container closed.

Consult the Technical Data Sheet for specific storage instructions.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

EYE PROTECTION: Wear safety glasses with side shields when handling this product. Wear additional eye protection such as chemical splash goggles and/or face shield when the possibility exists for eye contact with splashing or spraying liquid, or airborne material. Have an eye wash station available.

SKIN PROTECTION: Avoid skin contact by wearing chemically resistant gloves and long sleeved shirt. An apron may be appropriate if splashing can occur.

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Skin absorption may potentially contribute to the overall exposure to this material. Appropriate measures should be taken to prevent absorption so that the TLV is not invalidated.

GLOVES:

Nitrile

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. NIOSH approved air purifying respirator with organic vapor cartridge. Respirators should be selected by and used following requirements 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
Stoddard solvent	100 ppm TWA	500 ppm TWA; 2900 mg/m ³ TWA
Aluminum hydroxide	Not established	Not established
Calcium sulfate	10 mg/m ³ TWA (inhalable fraction)	15 mg/m ³ TWA (total dust); 5 mg/m ³ TWA (respirable fraction)
Chlorinated paraffin	Not established	Not established
Talc	2 mg/m ³ TWA (particulate matter containing no asbestos and <1% crystalline silica, respirable fraction)	Not established
Titanium dioxide	10 mg/m ³ TWA	15 mg/m ³ TWA (total dust)
Aromatic petroleum distillate	Not established	Not established
Trimethyl benzene	25 ppm TWA	Not established
Trimethylbenzene, 1,2,4-	Not established	Not established
Wood rosin	Not established	Not established
Cumene	50 ppm TWA	50 ppm TWA; 245 mg/m ³ TWA Skin absorption may potentially contribute to the overall exposure to this material.
Antimony trioxide	Not established	Not established
Naphthalene	10 ppm TWA 15 ppm STEL Skin absorption may potentially contribute to the overall exposure to this material.	10 ppm TWA; 50 mg/m ³ TWA
Ethylbenzene	20 ppm TWA	100 ppm TWA; 435 mg/m ³ TWA

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE:

Liquid

COLOR:

White

ODOR:

Mild Solvent

ODOR THRESHOLD:

Not established

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WEIGHT PER GALLON (lbs.):	9.70
SPECIFIC GRAVITY:	1.200
SOLIDS (% by weight):	57.5
pH:	Not established
FLASH POINT:	38C; 100F TCC
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
VOC, EPA Method 24, less water and exempt solvents (theoretically determined)	470g/liter of material

SECTION 10: STABILITY AND REACTIVITY

STABILITY:	Stable under normal conditions.
CHEMICAL INCOMPATIBILITY:	Strong oxidizing agents
HAZARDOUS POLYMERIZATION:	Will not occur.
HAZARDOUS DECOMPOSITION PRODUCTS:	Carbon monoxide, carbon dioxide Sulfur containing gases Chlorine containing gases

SECTION 11: TOXICOLOGICAL INFORMATION

COMPONENT	LD50/LC50
Stoddard solvent	Not established
Aluminum hydroxide	Not established
Calcium sulfate	Not established
Chlorinated paraffin	Oral LD50 Rat > 21,500 ml/kg Dermal LD50 Rabbit > 10 ml/kg
Talc	Not established
Titanium dioxide	Not established
Aromatic petroleum distillate	Oral LD50 Rat = 8,400 mg/kg
Trimethyl benzene	Oral LD50 Rat = 8,970 mg/kg
Trimethylbenzene, 1,2,4-	Oral LD50 Rat = 5 g/kg Inhalation LC50 Rat = 18,000 mg/cu m/4H
Wood rosin	Not established
Cumene	Oral LD50 Rat = 1,400 mg/kg Inhalation LC50 Mouse = 17,500 mg/cu m/4H Dermal LD50 Rabbit = 12 ml/kg
Antimony trioxide	Oral LD50 Rat > 34,600 mg/kg
Naphthalene	Oral LD50 Rat = 490 mg/kg Inhalation LC50 Rat > 85 mg/cu m/4H Dermal LD50 Rabbit > 20 g/kg
Ethylbenzene	Oral LD50 Rat = 3,500 mg/kg Dermal LD50 Rabbit = 18 ml/kg

TOXICOLOGY SUMMARY: No additional health information available.

MATERIAL SAFETY DATA SHEET**SECTION 12: ECOLOGICAL INFORMATION**

OVERVIEW: No ecological information available

SECTION 13: DISPOSAL CONSIDERATIONS

This product meets the definition of hazardous waste under the U.S. EPA Hazardous Waste Regulations 40 CFR 261. It is ignitable waste class D001. Disposal via incineration is recommended. Consult your state, local, or provincial authorities for more restrictive requirements.

LAND DISPOSAL RESTRICTIONS: Naphthalene ethylbenzene

SECTION 14: TRANSPORTATION INFORMATION

Consult Bill of Lading for transportation information.

DOT: UN1139, COATING SOLUTION, 3, III

IATA: UN1139, COATING SOLUTION, 3, III

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.

KOREAN TCCL: This product is in compliance with the Korean Existing Chemicals List 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#	%
1,2,4-Trimethylbenzene	95-63-6	1 - 5
Cumene	98-82-8	0.1 - 1
Antimony compounds	1309-64-4	0.1 - 1
Naphthalene	91-20-3	0.1 - 1
ethylbenzene	100-41-4	0.1 - 1

WHMIS STATUS: Unless listed below, this product is not controlled under the Canadian Workplace Hazardous Materials Information System.

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D2A D2B

STATE REPORTING

Proposition 65, The Safe Drinking Water and Toxic Enforcement Act of 1986:

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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
Titanium dioxide	(Carcinogen)	13463-67-7	1 - 5
Cumene	(Carcinogen)	98-82-8	0.1 - 1
Antimony oxide	(Carcinogen)	1309-64-4	0.1 - 1
Naphthalene	(Carcinogen)	91-20-3	0.1 - 1
ethylbenzene	(Carcinogen)	100-41-4	0.1 - 1
Quartz	(Carcinogen)	14808-60-7	0.01 - 0.1
Lead	(Carcinogen)	7439-92-1	0.001 - 0.01
Arsenic compounds (inorganic)	(Carcinogen)	7440-38-2	0.001 - 0.01
Benzene	(Carcinogen)	71-43-2	< 10 ppm
Cadmium	(Carcinogen)	7440-43-9	< 10 ppm
Lead	(Developmental toxin)	7439-92-1	0.001 - 0.01
Benzene	(Developmental toxin)	71-43-2	< 10 ppm
Toluene	(Developmental toxin)	108-88-3	< 10 ppm
Cadmium	(Developmental toxin)	7440-43-9	< 10 ppm
Lead	(Female reproductive toxin)	7439-92-1	0.001 - 0.01
Benzene, methyl-	(Female reproductive toxin)	108-88-3	< 10 ppm
Lead	(Male reproductive toxin)	7439-92-1	0.001 - 0.01
Benzene	(Male reproductive toxin)	71-43-2	< 10 ppm
Cadmium	(Male reproductive toxin)	7440-43-9	< 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 -- 2 FLAMMABILITY -- 2 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 H.B.Fuller Construction Products, Inc. from its suppliers, and because H.B.Fuller Construction Products, Inc. has no control over the conditions of handling and use, H.B.Fuller Construction Products, 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 H.B.Fuller Construction Products, Inc. assumes no responsibility for use or reliance thereon. It is the responsibility of the user of H.B.Fuller Construction Products, Inc. products to comply with all applicable federal, state and local laws and regulations.