



## URETHANE TOOLING & ENGINEERING CORP

### UT-100 Adhesive Instruction Sheet

UT-100 Adhesive is a two part mixture, specifically for attaching Tool-A-Thane Urethane formulations to itself, wood, rubber, metal and other substrates.

\*Preparing surfaces to be joined by the adhesive is of prime importance. Clean surfaces to be bonded with a solvent or detergent; solvent is preferred.\* The contact side of the Tool-A-Thane Urethane should be scuffed slightly and the metallic or other substrate should be sanded or sand blasted for best results, but this is not absolutely required.

Mixing should be done by pouring the Part B curative into Part A and mixing thoroughly. The Part A and Part B are of equal weight in the cans and no measuring is necessary unless you are using less than the full pint kit. If you are measuring something else besides the full kit, make sure you measure equal weights of Part A and Part B and mix thoroughly.

Approximate pot life of the mixture together is 45 minutes. Apply a thin coating to the two surfaces to be bonded together. Normally no open time is necessary; however, some applications may require that the first layer of adhesive dry on the two surfaces and then a second coat of adhesive is applied just prior to the joining of the two surfaces. When parts are joined, only enough pressure to hold the two parts together is required. Curing time is 12 hours with maximum adhesion taking place in 2 to 4 days. Curing time can be accelerated by placing parts in an oven of 150 degrees for 60 to 90 minutes.

Make sure you look over the MSDS sheets provided for these items. \*Preparing surfaces is the single most important item that needs to be done. Take enough time to do this completely and correctly.

**MAIL & PHYSICAL ADDRESS: 4485 SHORES RD, MURFREESBORO, TN 37128-3634**

**PHONE NUMBER: 1(615)510-3009 FAX NUMBER: 1(615)510-3010**

**AFTER HOURS PHONE NUMBER: 1(615)510-3011**

**E MAIL: [info@urethanetooling.com](mailto:info@urethanetooling.com) WEBSITE:**

**<http://www.urethanetooling.com>**

**OFFICE HOURS:**

**MONDAY-THURSDAY: 8:00 A.M.-5:00 P.M.**

**CENTRAL TIME**

**FRIDAY: 8:00 A.M.-12:00 NOON**

**SATURDAY-SUNDAY: CLOSED**

**MATERIAL SAFETY DATA SHEET**

REVISION DATE: 04-30-2013

SUPERSEDES: 06-20-2012

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

H.B. Fuller Company  
1200 Willow Lake Boulevard  
Vadnais Heights, MN 55110  
Phone: 888-423-8553

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

**PRODUCT INFORMATION**

PRODUCT NUMBER: FE7004A  
PRODUCT DESCRIPTION: Epoxy resin  
PRODUCT IDENTIFIER: 802489PM

**SECTION 2: HAZARDS IDENTIFICATION****EMERGENCY OVERVIEW**

PHYSICAL STATE: Liquid  
COLOR: Milky White  
ODOR: Sweet

Combustible  
Can cause eye irritation.  
Causes skin irritation. May cause allergic skin reaction.  
Moderate respiratory tract irritant.  
Harmful if swallowed.

**POTENTIAL HEALTH EFFECTS BY ROUTE OF ENTRY**

EYE: Can cause irritation.

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

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.

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**

REPRODUCTIVE: Contains a substance that is a possible reproductive hazard based on animal studies.

TARGET ORGAN(S): Skin 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: Skin disease including eczema and sensitization; Lung disease

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

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Chemical Name	CAS #	PERCENT
Epoxy resin	25068-38-6	70 - 100
Butyl glycidyl ether	2426-08-6	5 - 10
Silica, amorphous fumed	112945-52-5	1 - 5

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. Remove contaminated clothing and laundry. 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.

**SECTION 5: FIRE FIGHTING MEASURES**

FLASH POINT:	78C; 172F 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

**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

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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 when handling this product.  
**SKIN PROTECTION:** Avoid skin contact by wearing chemically resistant gloves and long sleeved shirt. An apron may be appropriate if splashing can occur.  
**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 dust/mist filter if product is sprayed. 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
Epoxy resin	Not established	Not established
Butyl glycidyl ether	3 ppm TWA Skin absorption may potentially contribute to the overall exposure to this material.	50 ppm TWA; 270 mg/m <sup>3</sup> TWA
Silica, amorphous fumed	Not established	20 mppcf TWA; ((80)/(%) SiO <sub>2</sub> ) mg/m <sup>3</sup> TWA)

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

**PHYSICAL STATE:** Liquid  
**COLOR:** Milky White  
**ODOR:** Sweet  
**ODOR THRESHOLD:** Not established  
**WEIGHT PER GALLON (lbs.):** 9.60  
**SPECIFIC GRAVITY:** 1.150  
**SOLIDS (% by weight):** 100.0  
  
**pH:** Not established  
**FLASH POINT:** 78C; 172F TCC  
**BOILING POINT (deg. C):** Not established  
**FREEZING/MELTING POINT (deg. C):** Not established  
**VAPOR PRESSURE (mm Hg):** Not established  
**VAPOR DENSITY:** Not established

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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

**SECTION 11: TOXICOLOGICAL INFORMATION**

COMPONENT	LD50/LC50
Epoxy resin	Oral LD50 Rat = 11 g/kg Dermal LD50 Rabbit > 20 ml/kg
Butyl glycidyl ether	Oral LD50 Rat = 1,660 mg/kg Inhalation LC50 Rat = 1,456.00 ppm/4H Dermal LD50 Rabbit = 2,520 mg/kg
Silica, amorphous fumed	Oral LD50 Rat 3,160 mg/kg

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. Disposal via incineration at an approved facility is recommended. 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.  
JAPAN ENCS: This product is in compliance with the Japanese Existing and New Chemical Substances requirements.  
KOREAN TCCL: This product is in compliance with the Korean Existing Chemicals List requirements.  
PHILIPPINES: This product is in compliance with the Philippine Inventory of Chemicals and 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

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

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D2B D1A D2A

**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
(Butoxymethyl)oxirane (Male reproductive toxin)	2426-08-6	5 - 10

**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 the H.B. Fuller Company from its suppliers, and because the H.B. Fuller Company has no control over the conditions of handling and use, the H.B. Fuller Company 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 the H.B. Fuller Company assumes no responsibility for use or reliance thereon. It is the responsibility of the user of H.B. Fuller Company products to comply with all applicable federal, state and local laws and regulations.

**MATERIAL SAFETY DATA SHEET**

REVISION DATE: 07-23-2012

SUPERSEDES: 05-20-2011

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

H.B. Fuller Company  
1200 Willow Lake Boulevard  
Vadnais Heights, MN 55110  
Phone: 888-423-8553

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

**PRODUCT INFORMATION**

PRODUCT NUMBER: FE7004B  
PRODUCT DESCRIPTION: Amine hardener  
PRODUCT IDENTIFIER: 802490PM

**SECTION 2: HAZARDS IDENTIFICATION****EMERGENCY OVERVIEW**

PHYSICAL STATE: Liquid  
COLOR: Dark Amber  
ODOR: Ammonia

Corrosive to eye tissue.  
Causes skin burns. 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:** Corrosive to eye tissue. Can cause severe irritation, tearing, and burns that can quickly lead to permanent injury including blindness.

**SKIN:** Corrosive to skin tissue. Can cause chemical burns. 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. May cause allergic respiratory reaction.

**INGESTION:** Ingestion is not an anticipated route of exposure. Harmful if swallowed. Corrosive to tissue. Can cause severe and permanent damage to mouth, throat, stomach. Aspiration may lead to lung damage.

**LONG-TERM (CHRONIC) HEALTH EFFECTS**

**REPRODUCTIVE:** Contains a substance that is a possible reproductive hazard based on animal studies.

**TARGET ORGAN(S):** No organs known to be damaged from exposure to this product.

**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:** No medical conditions affected by exposure.

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Name	CAS #	PERCENT
Polyamide resin	68410-23-1	70 - 100
Triethylenetetramine	112-24-3	10 - 30

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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:** Immediately flush eyes with plenty of water for at least 20 minutes retracting eyelids often. This corrosive material can cause immediate and permanent eye damage. Tilt the head to prevent chemical from transferring to the uncontaminated eye. Get immediate medical attention and monitor the eye daily as advised by your physician.

**IF ON SKIN:** Wash with soap and water under a drench shower. Remove contaminated clothing, launder immediately, and discard contaminated leather goods. Get medical attention immediately.

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

**IF SWALLOWED:** Corrosive. Do not induce vomiting! Drink one glass of water followed by milk if available. Seek medical attention immediately. 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.

**SECTION 5: FIRE FIGHTING MEASURES**

FLASH POINT:	> 204 C (400 F) Cleveland Closed Cup
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:	Material will burn in a fire.
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 Nitrogen containing gases

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

SPECIAL PROTECTION:	Exposure to the spilled material may be severely irritating or toxic. Follow personal protective equipment recommendations found in Section 8 of this MSDS. Personal protective equipment needs must be evaluated based on information provided on this sheet and the special circumstances created by the spill including; the material spilled, the quantity of the spill, and the area in which the spill occurred. Never exceed any occupational exposure limits.
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:** Toxic or severely irritating material. Avoid contacting and avoid breathing the material. Use only in a well ventilated area.

**Storage:** Store in a cool, dry place.  
Consult the Technical Data Sheet for specific storage instructions.



**MATERIAL SAFETY DATA SHEET**
**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

EYE PROTECTION:	Wear chemical splash goggles when handling this product. Additionally, wear a face shield when the possibility of splashing of liquid exists. Do not wear contact lenses. Have an eye wash station available.
SKIN PROTECTION:	Prevent contact with this product. Wear chemically resistant gloves, long sleeved shirt, an apron, and other protective equipment depending on conditions of use.
GLOVES:	Butyl rubber
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 and dust/mist filter. 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
Polyamide resin	Not established	Not established
Triethylenetetramine	Not established	Not established

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

PHYSICAL STATE:	Liquid
COLOR:	Dark Amber
ODOR:	Ammonia
ODOR THRESHOLD:	Not established
WEIGHT PER GALLON (lbs.):	8.00
SPECIFIC GRAVITY:	0.960
SOLIDS (% by weight):	100.0
pH:	Not established
FLASH POINT:	> 204 C (400 F) Cleveland Closed Cup
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:	Nitrogen containing gases Carbon monoxide, carbon dioxide

**MATERIAL SAFETY DATA SHEET****SECTION 11: TOXICOLOGICAL INFORMATION**

COMPONENT	LD50/LC50
Polyamide resin	Not established
Triethylenetetramine	Oral LD50 Rat = 2,500 mg/kg Dermal LD50 Rabbit = 805 mg/kg

TOXICOLOGY SUMMARY: Triethylenetetramine is a copper chelator and causes teratogenicity through copper deficiency; copper supplementation prevents teratogenicity.

**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 corrosive waste class D002. We recommend the required corrosivity testing on product to determine the appropriate waste category. Disposal via incineration is recommended. Consult your 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.
- JAPAN ENCS: This product is in compliance with the Japanese Existing and New Chemical Substances requirements.
- KOREAN TCCL: This product is in compliance with the Korean Existing Chemicals List requirements.
- PHILIPPINES: This product is in compliance with the Philippine Inventory of Chemicals and 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#	%
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WHMIS STATUS: Unless listed below, this product is not controlled under the Canadian Workplace Hazardous Materials Information System.

D2B D2A D1B

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**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
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**SECTION 16: ADDITIONAL INFORMATION**

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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 -- 3 FLAMMABILITY -- 1 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 the H.B. Fuller Company from its suppliers, and because the H.B. Fuller Company has no control over the conditions of handling and use, the H.B. Fuller Company 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 the H.B. Fuller Company assumes no responsibility for use or reliance thereon. It is the responsibility of the user of H.B. Fuller Company products to comply with all applicable federal, state and local laws and regulations.