SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

COMPANY INFORMATION
H.B. Fuller Company (formerly Fiber-Resin Corporation)
1200 Willow Lake Boulevard
Vadnais Heights, MN  55110
Phone:  651-236-5300

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

PRODUCT INFORMATION
PRODUCT IDENTIFIER:  802590PM
PRODUCT NUMBER:  FH3140A
PRODUCT DESCRIPTION:  Isocyanate crosslinker

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

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 any additional exposure limit guidelines.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS #</th>
<th>PERCENT</th>
<th>OSHA PEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prepolymer, dicyclohexylmethane-4, 4-diisocyanate</td>
<td></td>
<td>70 - 100</td>
<td>Not established</td>
</tr>
<tr>
<td>Methylene bis(cyclohexyl)isocyanate</td>
<td>5124-30-1</td>
<td>10 - 30</td>
<td>Ceiling 0.01 ppm</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Skin notation</td>
</tr>
</tbody>
</table>

SECTION 3: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Moderate to severe eye irritant.
Causes skin irritation. May cause allergic skin reaction.
May cause an allergic respiratory reaction.
Harmful if swallowed.

HMIS RATING: HEALTH -- 2 FLAMMABILITY -- 1 REACTIVITY -- 0

See SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION for personal protective equipment recommendations.

POTENTIAL HEALTH EFFECTS BY ROUTE OF ENTRY

EYE:  Eye contact may cause moderate to severe eye irritation. Eye contact may result in tearing and reddening, but not likely to permanently injure eye tissue. Temporary vision impairment (cloudy or blurred vision) is possible.

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.
MATERIAL SAFETY DATA SHEET

INHALATION: Can cause minor respiratory irritation. May cause permanent impairment of respiratory function. May cause allergic respiratory reaction. Avoid breathing vapors or mists. Other possible symptoms include; wheezing and coughing due to pulmonary edema (fluid build-up in lungs).

INGESTION: Ingestion is not an anticipated route of exposure. Harmful if swallowed. Severely irritating to mouth, throat, and stomach.

LONG-TERM (CHRONIC) HEALTH EFFECTS
TARGET ORGAN(S): Lungs Skin

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: Persons with existing asthmatic conditions may experience difficulty breathing. Persons who have been sensitized to isocyanates may experience symptoms at very low exposure levels.

SECTION 4: FIRST AID MEASURES

IF IN EYES: Immediately 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 and monitor the eye daily as advised by your physician.

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. Call a physician if symptoms persist.

IF SWALLOWED: Severely irritating. Do not induce vomiting. Seek medical attention immediately. Drink 2 glasses of water or milk to dilute. Do not give anything by mouth to an unconscious person. Induce vomiting as a last measure. 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: 149C; 300F
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: Hydrogen cyanide Nitrogen containing gases 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.
MATERIAL SAFETY DATA SHEET

CLEAN-UP: Cover with absorbent material. Place in open topped container. Remove to well-ventilated area and treat with aqueous ammonia. 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: Harmful or irritating material. Avoid contacting and avoid breathing the material. Use only in a well ventilated area. Wash thoroughly after handling. Moisture contamination in closed containers may produce carbon dioxide gas pressure. Avoid skin contact with product at all times.

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 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.

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. Use supplied-air respiratory equipment as required. 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:

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH EXPOSURE LIMITS</th>
<th>AIHA WEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prepolymer, dicyclohexylmethane-4, 4-diisocyanate</td>
<td>Not established</td>
<td>Not established</td>
</tr>
<tr>
<td>Methylene bis(cyclohexyl)isocyanate</td>
<td>TWA 0.005 ppm</td>
<td>Not established</td>
</tr>
</tbody>
</table>

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid
COLOR: Colorless
ODOR: Faint Sweet
ODOR THRESHOLD: Not established
WEIGHT PER GALLON (lbs.): 8.6
SPECIFIC GRAVITY: 1.03
SOLIDS (% by weight): 100.0
pH: Not established
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

SECTION 10: STABILITY AND REACTIVITY
STABILITY: Stable under normal conditions.
CHEMICAL INCOMPATIBILITY: Alcohols Amines Strong acids Strong alkalies Water
HAZARDOUS POLYMERIZATION: Will not occur.
HAZARDOUS DECOMPOSITION PRODUCTS: Hydrogen cyanide Nitrogen containing gases Carbon monoxide, carbon dioxide

SECTION 11: TOXICOLOGICAL INFORMATION
CHEMICAL NAME
Prepolymer, dicyclohexylmethane-4, 4-diisocyanate
Methylene bis(cyclohexyl)isocyanate
LD50/LC50
Oral LD50 Rat 9900 mg/kg
Inhalation LC50 Guinea pig 1.25 mg/cu m/4H

TOXICOLOGY SUMMARY: No additional health information available.

SECTION 12: ECOLOGICAL INFORMATION
OVERVIEW: No ecological information available

SECTION 13: DISPOSAL CONSIDERATIONS
It is our opinion that this product does not meet the definition of hazardous waste under U.S. EPA Hazardous Waste Regulations 40 CFR 261. Dispose of waste material according to state, local or provincial regulations.

SECTION 14: TRANSPORTATION INFORMATION
Consult Bill of Lading for transportation information.
DOT: ISOCYANATE SOLUTIONS, TOXIC, N.O.S. (4,4-DICYCLOHEXANEDIISOCYANATE), 6.1, UN2206, PG.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.
MATERIAL SAFETY DATA SHEET

If you need more information about the inventory status of this product call 651-236-5858.

TSCA Section 12(b) - Export Notice Requirements
This product contains a chemical substance that is currently on the EPA's Section 12(b) Export List. Contact the company Global Regulatory Group at 651/236-5858 for the identity of the Section 12(b) chemical(s).

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 72. EPA has advised that when a percentage range is listed the midpoint may be used to fulfill reporting obligations.

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<tr>
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<th>CAS#</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,1'-Methylene bis(4-isocyanatocyclohexane)</td>
<td>5124-30-1</td>
<td>10 - 30</td>
</tr>
</tbody>
</table>

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

D2A D2B D1A

STATE REPORTING
This MSDS is not prepared for distribution in California.

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).

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