SECTION 1- CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

MSDS NUMBER: 770000
PRODUCT NAME: H/M 0110
CHEMICAL FAMILY: Hot Melt Adhesive

COMPANY: Bostik Inc.
EMERGENCY RESPONSE NUMBERS:
Transportation: 800-227-0332
In case of emergency, Call
800-227-0332
Product Safety and Environmental: 978-777-0100

SECTION 2- INGREDIENT AND EXPOSURE LIMIT INFORMATION

COMPONENT CAS NUMBER WT PERCENT* OEL** OSHA PEL
No OSHA reportable components.

* If the total is less than 100%, the balance of this product is not considered to be hazardous as defined under OSHA's Hazard Communication Standard (29 CFR 1910.1200).

** The Bostik recommended Occupational Exposure Limit (OEL) value represents the lower of the US OSHA PEL, ACGIH TLV, or Manufacturers Recommended Limit.

N/A = Not Available, N/D = Not Determined

SECTION 3- HAZARDS IDENTIFICATION

POTENTIAL HEALTH CONSIDERATIONS
HMIS HAZARD RATING
Health: 0
Flammability: 1
Reactivity: 0
Protection: B

Note: Numeric Hazard Ratings are intended only to indicate the relative hazard of the product. Users must read and understand the entire Material Safety Data Sheet prior to use of this product.

CANADIAN WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) CLASS --
This product is not a controlled substance under WHMIS regulations.

LIKELY ROUTES OF ENTRY
Inhalation.

TARGET ORGANS
None known to BOSTIK.

POTENTIAL IMMEDIATE EFFECTS FROM OVEREXPOSURE

CONTACT, SKIN and EYE
Contact at application temperatures will cause skin and or eye burns.

SKIN ABSORPTION
No hazard known at this time.

INHALATION
Fumes from hot material may be irritating.

INGESTION
No hazard known at this time.

SYMPTOMS OF OVEREXPOSURE
Irritation of nose and throat from fumes of heated material.

POTENTIAL LONG-TERM EFFECTS FROM OVEREXPOSURE:

CANCER INFORMATION
None of the ingredients in this product exceeding 0.1% are on the IARC, NTP, or OSHA lists of carcinogenic hazards.

CHRONIC EFFECTS
No long term health effects known to BOSTIK.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE
None known to BOSTIK.

NOTES TO MD AND OTHER HEALTH RELATED INFORMATION
Treat symptomatically and supportively. Contact BOSTIK to determine whether any additional information is available.

SECTION 4- FIRST AID MEASURES

CONTACT, SKIN AND EYE
SKIN CONTACT AT APPLICATION TEMPERATURE Immediately immerse contacted area in cold water to reduce temperature and relieve pain. Do not attempt to peel adhesive from skin. Call a physician. If the physician agrees, mineral oil may prove useful in softening the adhesive after it cools.

INHALATION
First Aid for inhalation is not normally required.

INGESTION
First Aid for ingestion is not normally required.

SECTION 5- FIRE FIGHTING MEASURES

FLAMMABILITY DATA
FLASH POINT DEG F: >200
DEG C: >93
LOWER EXPLOSIVE LIMIT %: N/A
UPPER EXPLOSIVE LIMIT %: N/A
AUTOIGNITION POINT DEG F: N/A
DEG C: N/A

FIRE AND EXPLOSION HAZARDS:
None known to BOSTIK.

DUST EXPLOSION HAZARD:
No hazard known to BOSTIK.

SENSITIVITY TO MECHANICAL IMPACT:
No hazard known to BOSTIK.

SENSITIVITY TO STATIC DISCHARGE:
No hazard known to BOSTIK.

EXTINGUISHING MEDIA:
In case of fire use water spray, foam, dry chemical, or carbon dioxide.

HAZARDOUS COMBUSTION PRODUCTS:
Unknown due to the complex nature of this material. Fumes from complete or incomplete combustion may include carbon dioxide, carbon monoxide, water vapor, oxides of nitrogen, and a wide variety of innocuous or toxic fumes.

SECTION 6- ACCIDENTAL RELEASE MEASURE

SPILL CLEAN-UP PROCEDURES
If liquid allow to harden, then sweep up or peel from floor and package solid product in steel drums which are in good condition. Thoroughly clean area where spill occurred.

SECTION 7- HANDLING AND STORAGE

STORAGE PRECAUTIONS
Store in a cool location (60-80 degrees F, 15-30 degrees C) away from sunlight and any source of heat. Keep container tightly closed when not being used.

HANDLING PRECAUTIONS
Use with adequate ventilation, avoid prolonged or repeated breathing of vapors. Avoid skin contact.

SECTION 8- EXPOSURE CONTROLS AND PERSONAL PROTECTION

VENTILATION CONTROLS
Not necessary but may be desirable to reduce odors.

EYE PROTECTION
Safety glasses with side shields.

RESPIRATORY PROTECTION
Not normally required but is desirable as with handling any industrial product.

SKIN PROTECTION
Gloves and long sleeve clothing to protect from thermal burns.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: A glue stick with little odor.
SPECIFIC GRAVITY: 0.96 (Water = 1)
DENSITY: 8.01 lb/gal
SOLUBILITY IN WATER: 0.0%
PERCENT VOLATILE (WEIGHT): 0.0%
VOLATILE ORGANIC COMPOUND: 0.00%
VAPOR PRESSURE: N/D
BOILING POINT: N/D
VAPOR DENSITY: N/D
ODOR THRESHOLD: N/D
OCTANOL/WATER COEFFICIENT: N/D

SECTION 10 - STABILITY AND REACTIVITY

STABILITY
Stable.

HAZARDOUS POLYMERIZATION
Will not occur.

CONDITIONS TO AVOID
Strong oxidizers.

SECTION 11 - TOXICOLOGICAL INFORMATION

ACUTE (SHORT TERM) TOXICITY
Component LD50, Oral LD50, Dermal LC50, Inhalation
No OSHA reportable components.

CHRONIC (LONG TERM) TOXICITY AND OTHER INFORMATION
No long term health effects known to BOSTIK.

SECTION 12 - ECOLOGICAL INFORMATION

No Data Available

SECTION 13 - DISPOSAL CONSIDERATIONS

Dispose of in accordance with all Federal, State, and Local rules. Be aware that State and Local requirements may differ widely depending on location and may in many cases be different from Federal rules.
When intending to dispose of this material, the user is advised that this product would not be classified as a Hazardous Waste under U.S. Federal Regulations in effect at the time this MSDS was created.

SECTION 14- TRANSPORT INFORMATION

DOT/IATA/IMDG/TDG PROPER SHIPPING NAME
Not Regulated as a Hazardous Material.

SECTION 15- REGULATORY INFORMATION

SARA TITLE III -- The following components are listed under Section 313
No Components Listed.

CALIFORNIA PROPOSITION 65 --
CHEMICALS SHOWN BELOW WHICH ARE NOT LISTED IN SECTION II ARE PRESENT AT TRACE LEVELS BELOW THOSE CONSIDERED HAZARDOUS BY OSHA.

CHEMICALS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER:
No Components Listed.

CHEMICALS KNOWN TO THE STATE OF CALIFORNIA AS DEVELOPMENTAL HAZARDS:
No Components Listed.

CHEMICALS KNOWN TO THE STATE OF CALIFORNIA AS MALE REPRODUCTIVE HAZARDS:
No Components Listed.

CHEMICALS KNOWN TO THE STATE OF CALIFORNIA AS FEMALE REPRODUCTIVE HAZARDS:
No Components Listed.

Toxic Substance Control Act (TSCA) INVENTORY STATUS --
All the components of this product are either listed on the TSCA Chemical Substance Inventory or are exempted from listing.

CANADIAN DOMESTIC SUBSTANCE LIST STATUS --
All components of this product are listed in either the Canadian Domestic Substances List (DSL) or Non-domestic Substances List (NDSL).

EUROPEAN UNION EINECS LIST STATUS--
All components of this product are listed on the EINECS Inventory, or exempt from listing under the Polymer Exemption Provision.

SECTION 16- OTHER INFORMATION

PREPARED BY: Michael S. Fine

IMPORTANT NOTICE: All statements, technical information and recommendations set forth herein are based on information or tests which BOSTIK believes to be reliable. However, BOSTIK cannot guarantee their accuracy or completeness. The buyer should conduct his own tests of this product before use to determine proper preparation technique and suitability for the proposed application. BOSTIK's sale of this product is limited to the terms and conditions set forth on BOSTIK's order acknowledgement.
To summarize, BOSTIK's only warranty is that the product conforms with its written specifications, and is free from defects under normal usage; and BOSTIK's only obligation for non-compliance with this warranty is to replace the product or refund the buyer's purchase price. BOSTIK DISCLAIMS THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. In no case will BOSTIK be liable for direct, consequential, economic or other damage except for the replacement or refund as set forth above.