

MATERIAL SAFETY DATA SHEET

THERMOBOND

Section 1-MATERIAL IDENTIFICATION AND USE

MANUFACTURER'S NAMEInternational Cellulose Corporation
MANUFACTURER'S ADDRESS12315 Robin Blvd.
Houston, TX 77045
EMERGENCY PHONE NUMBER(713) 433-6701
INFORMATION PHONE NUMBER.....(713) 433-6701
SUPPLIER IDENTIFIER.....International Cellulose Corporation
SUPPLIER'S ADDRESS.....12315 Robin Blvd.
Houston, TX 77045
SUPPLIER EMERGENCY PHONE NUMBER(713) 433-6701
PRODUCT IDENTIFIER.....Thermobond
PRODUCT USE.....Adhesive Binder

Section 2-COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Identity	Concentration	CAS Registry #
Poly Vinyl Alcohol	≤ 5% by wt.	9002-89-5
Copolymer	≤ 50% by wt.	

Section 3-PHYSICAL DATA FOR PRODUCT

PHYSICAL STATELIQUID
ODOUR AND APPEARANCESlightly sweet, viscous clear
SPECIFIC GRAVITY1.08
VAPOUR PRESSURE.....Same as water
VAPOUR DENSITY (air = 1)Same as water
EVAPORATION RATESame as water
BOILING POINT212°C
FREEZING POINTNot established
pH4.0-9.0
WEIGHT per GALLON9.1 lbs.
SOLUBILITY IN WATERDispersible

Section 4-FIRE AND EXPLOSION HAZARD OF PRODUCT

CONDITIONS OF FLAMMABILITYNOT FLAMMABLE IN LIQUID STATE
MEANS OF EXTINCTION.....CO2, foam, dry chemical powder, water.
FLASH POINT & METHOD OF DETERMINATIONNOT FLAMMABLE
UPPER EXPLOSION LIMIT (% BY VOL).....NOT APPLICABLE
LOWER EXPLOSION LIMIT (% BY VOL).....NOT APPLICABLE
AUTO-IGNITION TEMPERATURENO DATA
FLAMMABILITY CLASSIFICATIONNOT FLAMMABLE
HAZARDOUS COMBUSTION PRODUCTSCarbon monoxide/dioxide
EXPLOSION DATAPressure build-up possible in closed containers when heated. Water spray may be used to cool containers.
SENSITIVITY TO STATIC DISCHARGENO DATA.
SPECIAL FIRE FIGHTING PROCEDUREPersons exposed to products of combustion should wear self-contained breathing apparatus and full protective equipment.

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Section 5-REACTIVITY DATA

CHEMICAL STABILITYSTABLE
INCOMPATIBLE MATERIALS.....NOT ESTABLISHED
CONDITIONS OF REACTIVITY.....Hazardous polymerization will not occur
HAZARDOUS DECOMPOSITION PRODUCTSNOT ESTABLISHED

Section 6-TOXICOLOGICAL PROPERTIES OF PRODUCT

ROUTES OF ENTRY:

SKIN CONTACTProlonged or repeated contact with liquid product may cause irritation.
SKIN ABSORPTION.....Not absorbed through the skin.
EYE.....Eye contact with liquid product may cause irritation.
INHALATIONNot anticipated route of exposure.
INGESTIONNot anticipated route of exposure. Small amounts are not anticipated to be harmful.
ACUTE OVER EXPOSURE EFFECTSSEE ROUTES OF ENTRY.
CHRONIC OVER EXPOSURE EFFECTSMajor health problems from long-term exposure are not expected.
EXPOSURE LIMITSNONE
IRRITANCY OF PRODUCTNot irritating
SENSITIZATION TO MATERIALNO DATA
CARCINOGENICITY, REPRODUCTIVE EFFECTSNONE
TERATOGENICITY, MUTAGENICITYNONE
TOXICOLOGICALLY SYNERGISTIC PRODUCTSNO DATA

Section 7-PREVENTIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT.....Not normally required. Where adequate ventilation is not available, NIOSH-approved respirators should be used.
EYE/FACE PROTECTIONSafety glasses with side shields or goggles if splashing of liquid products into eyes is a potential exposure.
SKIN PROTECTION.....Prevent prolonged or repeated contact by using rubber gloves and appropriate protective clothing.
SPECIFIC ENGINEERING CONTROLS.....General dilution ventilation.
LEAK AND SPILL PROCEDURES.....Dike if necessary. Wear rubber gloves and safety glasses. Keep material out of local waterways and sewers, storm drains and soil. Comply with all applicable governmental regulations on spill reporting and handling of disposal waste.
WASTE DISPOSAL.....Consult local federal, state, and local regulatory agencies before disposal.
HANDLING PROCEDURES AND EQUIPMENT.....Wear appropriate protective equipment when working with this liquid product.
STORAGE REQUIREMENTSAvoid temperature extremes in storage. Store in ambient temperatures.
SHIPPING INFORMATIONNot regulated. Use DOT proper shipping name.

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Section 8-FIRST AID MEASURES

SPECIFIC FIRST AID PROCEDURES

INHALATION: Remove subject to fresh air.
EYE CONTACT: Flush the eyes with running water for 15 minutes. Continue flushing the eyes until irritation disappears. Obtain medical attention if irritation persists.
SKIN CONTACT: Wash affected area with soap and water. Obtain medical attention if irritation persists. Wash clothing before reuse.
INGESTION: DO NOT INDUCE VOMITING. If conscious give one glass of milk or water. Never give liquids to an unconscious person. Obtain medical attention immediately.

Section 9-REGULATORY INFORMATION

Toxic Substances Control Act (TSCA) Section 8(b) Inventory status. This product is in compliance with the Toxic Substances Control Act's Inventory requirements.
SARA Title III Section 313. This product does not contain regulated levels of any toxic chemical subject to the reporting requirements of Section 3131 of the Title III of the Superfund Amendments And Reauthorization Act of 1986 (SARA) and 40 CFR part 372
California Proposition 65..... This product is not subject to California Proposition 65 notification requirements.
RCRA..... Product not tested as a waste. Not believed to be a hazardous waste based on our knowledge of the product and its raw materials.
Carcinogens..... Under OSHA, ACGON, NTP, IARC. This product contains no carcinogens in concentrations of 0.1 percent or greater.

Section 10-Ecological Data

Aquatic Toxicity..... Not Established.

Section 11-Additional Information

In storage, monomer vapor will migrate from the emulsion and establish equilibrium between the headspace in the storage container and the liquid emulsion. Levels in excess of acceptable exposures can accumulate in non-vented spaces above the emulsion. All procedures appropriate for a confined space entry should be completed prior to performing any work in a bulk storage tank (>500 gal).

HMIS Rating

Health 1
Flammability..... 0
Reactivity 0
Protective Equipment..... B

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