

Safety Data Sheet

Section 1, Identification

Identity: Honey Bee™ Polyol HB-530

Synonym: Soybean Oil Polyol based polymer

Manufacturer's Name: MCPU Polymer Engineering LLC

Address: 826 E. 4th Street, Pittsburg, KS 66762

Emergency Tel. Number: 1-800-535-5053

Information Tel. Number: 1-620-231-4239

Section 2, Hazard Identification



Warning: Contact with Eyes and skin may produce an irritation. Ingestion may produce gastric disturbances

Section 3, Composition Information on Ingredients

Hazardous Ingredients	CAS Number	OHSA PEL	ACGIH TLV	Weight %
NONE				

Section 4, First Aid Measures

Route(s) of Entry: Inhalation: 0 Skin: 1 Ingestion: 3

Health Hazards (acute and chronic): Not expected to cause acute health effects. Contact with eyes or skin may produce an irritation. Ingestion may produce gastric disturbances.

Carcinogenicity: Not applicable

Signs and Symptoms of Exposure: Ingestion- Mild gastric disturbances, diarrhea.
Skin Contact- Dryness of the skin, irritation

Medical Conditions Generally Aggravated by Exposure: None known.

Emergency First Aid Procedures: Contact a physician. If skin is contaminated, remove any contaminated clothing and wash skin with soap and water.

Eye Contact: flush with copious amounts of water for at least 15 min, consult a physician..

Inhalation: Not applicable.

Section 5, Fire and Explosion Hazard Data

Flash Point (method used) : >300°F

Flammable Limits: NA

LEL: NA **UEL:** NA

Extinguishing Media: CO₂, Foam, dry chemical.

Special Fire Fighting Procedures: Class B extinguisher. Application of water to burning oil can cause spattering.

Unusual Fire and Explosion Hazards: Explosion Hazard: None known. Possible auto ignition/spontaneous combustion under high temperatures, closed conditions if material is absorbed on various fiber matrices and oxygen is present.



Section 6, Accidental Release Measures

Steps to be taken in Case Material is Released or Spilled: Dike the spill to prevent contamination of sewers and waterways. Collect spill with absorbent materials and discard according to local, state and federal guidelines. Decontaminate area with decontamination solution: .5% liquid detergent in water.

Section 7, Handling and Storage

Ventilation: Local Exhaust: Sufficient for general use. **Special:** Not needed

Mechanical (General): Sufficient for general use **Other:** None

Work/Hygienic Practices- Use Normal Good Housekeeping Practices; Keep out of Reach of Children. Wash exposed skin with soap and water during any breaks.

Storage Temperature: Keep between 10°C (50°F) and 50°C (122°F)

Section 8, Exposure Controls/Personal Protection

Respiratory Protection: Not required

Ventilation: Local Exhaust: Sufficient for general use. **Special:** Not needed

Mechanical (General): Sufficient for general use **Other:** None

Protective Gloves: Needed **Eye Protection:** Needed

Other Protective Clothing or Equipment: Not Normally Needed

Work/Hygienic Practices- Use Normal Good Housekeeping Practices; Keep out of Reach of Children. Wash exposed skin with soap and water during any breaks.

Precautions to be taken in Handling and Storage: Wear Chemical Gloves and Eye Protection.

Section 9, Physical and Chemical Properties

Physical State: High Viscosity Liquid

Boiling Point: NA Specific Gravity: 1.02

Vapor Pressure: NA Melting Point: NA

Vapor Density: NA Evaporation Rate: <1
(Butyl Acetate = 1)

Solubility in water: Not soluble

Appearance and odor: Honey color oil. Vegetable oil odor.

Section 10, Reactivity Data

Stability: ___ Unstable

Conditions to avoid:

X Stable

_____Temperatures >150°F_____

Incompatibilities (materials to avoid contact with): Will react with Isocyanates and Oxidizing Agents. Ammonia, alcohols, amines, acids and alkali solutions.

Hazardous Decomposition Products: Carbon Monoxide upon ignition.

Hazardous Polymerization: ___ May Occur **Conditions to Avoid:** high temperatures

X Will Not occur _____

Section 11, Toxicological Information

None Available

Not expected to cause adverse acute health effects



Not expected to cause adverse chronic health effects.

Section 12, Ecological

Environmental Fate and
exposure in the air or water will arise.

Persistence and Degradation: Immiscible with water but will react with strongly basic water solution to produce soap

Ecological Toxicity: Not Known

Information

Distribution: It is unlikely that significant environmental

Section 13, Disposal Considerations

Do not pour into waterways or down drains or sewers. Small amount and empty drums should be treated with the decontamination solution (see section 6). Solidify any liquids with an absorbent solid and dispose of in a landfill following state and federal regulations.

HB-530 contains a substance that is the subject of a significant new use rule (SNUR) under section 5(a)(2) of TSCA, and requires that HB-530 be used in a fashion that does not allow any release to surface waters.

Section 14, Transportation Information

Land Transport (DOT): Not regulated.

Sea Transport (IMDG): Not regulated

Air Transport (ICAO/IATA): Not regulated

Emergency response guide number: (Infotrac 1-800-535-5053)

Section 15, Regulatory Information

US Regulations

OSHA: This material is not considered a hazardous material under the criteria outlined in the OSHA Hazard Communication Standard (HCS) (29 CFR 1910.1200)

SARA Section 313: No substances contained in this product are subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 (as amended) and 40 CFR part 372.

Toxic Substances Control Act: All substances in this product are listed on the TSCA inventory.

CERCLA (Comprehensive Environmental Response, Compensation and Liability Act):

State Regulations: No specific state regulations are known for this material

Section 16, Other Information

HMIS Ratings: Health- 1 Flammability- 1 Reactivity- 1