

MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION

Identity (as used on label and listings): **Ipe Seal**
Chemical Family/Specific Type: Water-based emulsions/ aqueous emulsion of paraffin wax
Manufacturer: Ipe Clip Fastener Company
2111 58th Avenue East
Bradenton, FL 34203

2. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	Approximate %	CAS No.
Petroleum Wax	45-50%	64742-61-6

No reportable quantities of any hazardous ingredients are present. No toxic chemical(s) subject to reporting requirements of Section 313 of Title III and of 40 CFR 372 are present.

3. HAZARDS RATINGS (HMIS) OF THE PRODUCT

Explanation of hazards Ratings:

0= Minimal Hazard 1= Slight Hazard 2=Moderate Hazard 3= Serious Hazard 4= Severe Hazard

Protective Equipment: C= safety glasses + gloves + apron

General: Ipe Seal is generally harmless to handle provided that certain precautions normally taken when handling paints and chemicals are observed.

Inhalation: Vapor pressure is very low, so inhalation is not normally a problem. Avoid heating the product-heating above 212 degrees Fahrenheit/100 degrees Celsius may cause vapors that can cause irritation of the nose, throat, and respiratory system.

Eye Contact: Causes irritation to the eyes.

Skin Contact: Repeated or prolonged exposure/contact with skin may cause dermatitis or defatting.

Ingestion: Not expected to be acutely toxic. May cause irritation of digestive tract.

4. FIRST AID MEASURES

Inhalation: If irritation or headache occurs, move to fresh air. Seek medical attention if symptoms continue.

Eye Contact: Flush eyes immediately with large amounts of water, using soap if possible. If irritation continues, seek medical attention.

Skin Contact: Wash skin with soap and water. Remove contaminated clothing. If irritation persists, seek medical attention.

Ingestion: Do not induce vomiting (aspiration hazard). Seek medical help immediately for ingestion of wax and water emulsion.

5. FIRE FIGHTING MEASURES

Flash Point: No flash – boils at 190 degrees – 212 degrees Fahrenheit/ 88- 100 degrees Celsius.

Extinguishing Media: Water spray, dry chemical, carbon dioxide (CO₂), foam. Do not direct solid stream of water or foam into burning pools.

Fire Fighting Instructions: Avoid breathing smoke and vapor.

Fire Fighting Equipment: Self-contained breathing apparatus and protective clothing.

Other Fire or Explosion Hazards: Incomplete combustion can produce carbon monoxide.

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6. ACCIDENTAL RELEASE MEASURES

Spills or Leaks: *Large spills:* contain with dikes, collect, and filter for reuse. *Small spills:* collect or absorb with oil absorbent pads. Clean contaminated areas with soap and water. All spill response and disposal should be carried out in accordance with national and local requirements.

7. HANDLING AND STORAGE

Handling: Do not swallow; avoid exposure to eyes and skin; use in areas with normal ventilation

Storage: Store at temperatures above 32 degrees Fahrenheit/0 deg. Celsius. Avoid high heat or open flames.

General: Keep containers closed to minimize evaporation and skin formation. Store above 32 degrees Fahrenheit/0 degrees Celsius to prevent freezing destruction and destruction of product.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits: None established for this product.

Ventilation: Good ventilation in work area, atmospheric pressure.

Personal Protection: Eyes: Safety glasses or splash goggles

Hands: rubber gloves

Other: synthetic apron for cleanliness

9. PHYSICAL & Chemical Characteristics

Appearance and Odor: Creamy white or colored liquid of paint-like consistency; slightly oily/waxy odor.

Boiling Point: 212 degrees Fahrenheit / 100 degrees Celsius

Vapor Pressure: Same as water

Vapor Density (air = 1): same as water

Solubility In Water: infinitely diluteable

Volatile Organic Compounds: none

Volatile Hazardous Air Pollutants: none

Specific Gravity: .96

Melting Point: 25 degrees Fahrenheit / -4 degrees Celsius

Evaporation Rate (butyl acetate = 1): <1

Flash Point: No flash- boils at 190 degrees – 212 degrees Fahrenheit / 88 degrees – 100 degrees Celsius
(Flash point of dried wax is >400 degrees Fahrenheit / 200 degrees Celsius)

10. STABILITY AND REACTIVITY

Stability: Stable under normal temperatures and pressures.

Conditions to Avoid: None known.

Materials to Avoid: Strong oxidizing agents.

Hazardous Polymerization: Will not occur.

Hazardous Decomposition: Burning may produce carbon monoxide and/or carbon dioxide.

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11. TOXICOLOGICAL INFORMATION

Product is practically non-toxic and non-irritating.

12. ECOLOGICAL INFORMATION

No data available.

13. DISPOSAL CONSIDERATIONS

Not a hazardous waste. Where recovery and reuse is not possible, dry water out of product and dispose of as industrial wax waste or by incineration where permitted under national and local regulations.

14. TRANSPORTATION INFORMATION

ADR/RID: Not regulated

IMDG: Not regulated

ICAO/IATA: Not regulated

15. REGULATORY INFORMATION

The ingredients in this product are in the TSCA, MITI, AICS, DSL inventories.

16. OTHER INFORMATION

Please consult product and application information for the proper use of this product.