

Section 1. Product and Company Identification

Product Name: ImmEdge® Hydrophobic Barrier (PAP) Pen

Catalog No.: H-4000

Manufacturer/Supplier USA:

Vector Laboratories, Inc.

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United States

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Section 2. Hazards Identification

GHS Classification:

Flammable liquids – Category 2, H225

Skin Irritation – Category 2, H315

Eye Irritation – Category 2A, H319

Carcinogenicity– Category 2, H351

Reproductive Toxicity – Category 1B, H360

Specific target organ toxicity - single exposure – Category 3, Respiratory system, Central nervous system, H335, H336

Specific target organ toxicity – repeated exposure, Inhalation (Category 2) Liver, Central nervous system, H373

Acute aquatic Toxicity - Category 3, H402

Chronic Aquatic Toxicity - Category 3H412

GHS Label:



Signal Word: Danger

Hazard Statements:

H225 – Highly flammable liquid and vapor.

H315 – Causes skin irritation.

H319 – Causes serious eye irritation.

H335 – May cause respiratory irritation.

H336 – May cause drowsiness or dizziness.

H351 – Suspected of causing cancer.

H360 – May damage fertility or unborn child.

H371 – May cause damage to organs.

H373 –May cause damage to organs(Liver, Central nervous system) through prolonged or repeated exposure if inhaled

H402 – Harmful to aquatic life.

H412 – Harmful to aquatic life with long lasting effects.

Precautionary Statements:

P201 Obtain special instructions before use.

P202 Do not handle until all safety precautions have been read and understood.

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P233 Keep container tightly closed.

P240 Ground and bond container and receiving equipment.

P241 Use explosion-proof [electrical/ventilating/lighting/...] equipment.

P242 Use non-sparking tools.

P243 Take action to prevent static discharges.

P260 Do not breathe dust/fume/gas/mist/vapor/spray.

P264 Wash skin thoroughly after handling.

P271 Use only outdoors or in a well-ventilated area.

P273 Avoid release to the environment.

P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection/...

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse affected areas with water [or shower].

P370+P378 In case of fire: Use ... to extinguish.

P302+P352 IF ON SKIN: Wash with plenty of water/...

P332+P313 If skin irritation occurs: Get medical help.

P362+P364 Take off contaminated clothing and wash it before reuse.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P304+P340+P312 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P319 Get medical help if you feel unwell.

P318 IF exposed or concerned, get medical advice.

P403+P235 Store in a well-ventilated place. Keep cool.

P403+P233 Store in a well-ventilated place. Keep container tightly closed.

P405 Store locked up.

P501 Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

Section 3. Composition/Information on Ingredients

Component:	CAS#:	EC#:	% by weight:
Organic Solvent			>70%

The specific chemical and/or exact percentage (concentration) of composition has be withheld as a trade secret.

Section 4. First Aid Measures

Date of Issue: 01/24/2022

Version 1.0

Previous Date of Issue: 12/15/2020

Previous Version: N/A

Inhalation: Remove to fresh air. Obtain medical attention.

Skin contact: Wash thoroughly with water for at least 15 minutes. Obtain medical attention.

Eye Contact: Wash thoroughly with water for at least 15 minutes. Obtain medical attention.

Ingestion: Do not induce vomiting. If person is conscious, wash out mouth with water. Obtain medical attention.

Section 5. Fire Fighting Measures

Suitable extinguishing media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Special protective equipment: Use respirator. Toxic gases can be evolved.

Section 6. Accidental Release Measures

Wear protective clothing to prevent contact with eyes and skin. Ensure adequate ventilation. Collect on absorbent material and dispose of according to federal, state and local environmental regulations. Do not let product enter drains.

Section 7. Handling and Storage

Handling: Use only with adequate ventilation. Wear eye protection and compatible chemical-resistant gloves. Handle in accordance with good industrial hygiene and safety practice.

Storage: Store at room temperature.

Section 8. Exposure Controls/Personal Protection

Exposure limits: Component: Organic Solvent – TWA, 01 ppm, USA ACGIH (TLV).

Engineering controls: Use enclosures, local exhaust ventilation or other engineering controls to keep airborne levels below recommended exposure limits.

Personal protection:

Hand protection - Compatible chemical-resistant gloves.

Eye protection - Chemical safety goggles.

Skin protection - Lab coat.

Section 9. Physical and Chemical Properties

Appearance: Clear liquid, light blue

Odor: None applicable

pH: Not determined

Boiling point: 65 °C

Melting point: Not determined

Flash Point: Nonflammable

Autoflammability: Not applicable

Vapor pressure: Not determined

Relative density: Not determined

Solubility: Not applicable

Section 10. Stability and Reactivity

Chemical stability: Stable under recommended storage conditions.

Conditions to avoid: Heat and flames.

Materials to avoid: Strong oxidizers.

Hazardous reactions/decomposition products: Carbon monoxide, carbon dioxide, and nitrogen oxides. Vapors may form explosive mixture with air.

Section 11. Toxicological Information

Information on toxicological effects:

Reproductive Toxicity:

May cause reproductive disorders.

May impair fertility, possible risk of harm to the unborn child.

Specific target organ Toxicity:

May cause damage to organs.

May cause respiratory irritation.

May cause drowsiness or dizziness.

Acute effects:

No data available.

Chronic effects:

No data available.

Toxicity data:

No data available.

Section 12. Ecological Information

Harmful to aquatic life with long lasting effects.

Section 13. Disposal Considerations

Observe all federal, state and local environmental regulations.

Section 14. Transport Information

DOT (US): Not classified as dangerous in the meaning of transport regulations (per special provision A46).

RID/ADR: Not regulated.

IMDG: Not classified as dangerous in the meaning of transport regulations (per special provision A46).

IATA: Not classified as dangerous in the meaning of transport regulations (per special provision A46).

Section 15. Regulatory Information

SARA:

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Version 1.0

Previous Date of Issue: 12/15/2020

Previous Version: N/A

SARA 302 – No chemicals in this material are subject to the reporting requirements.

SARA 313 – This material does not contain any chemical components with known CAS numbers that exceed the threshold reporting levels established.

SARA 311/312 Hazards – Fire Hazard, Acute Health Hazard, Chronic Health Hazard

Risk phrases:

R36/37/38 – Irritating to eyes, respiratory system and skin.

R48/20 – Harmful: danger of serious damage to health by prolonged exposure through inhalation.

R60 – May impair fertility.

R63 – Possible risk of harm to the unborn child.

R67 – Vapors may cause drowsiness and dizziness.

Safety phrases:

S26 – In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S36/37 – Wear suitable protective clothing and gloves.

S45 - In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

S53 – Avoid exposure – obtain special instructions before use.

California Prop. 65 components:

WARNING! This product contains a chemical known to the state of California to cause birth defects or other reproductive harm.

Section 16. Other Information

The information contained in this Safety Data Sheet is believed to be accurate, but it is the responsibility of the user to determine the applicability of this data to necessary safety precautions. Vector Laboratories, Inc. shall not be held responsible for any damage resulting from the use of the above product or the information contained in this Safety Data Sheet.

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