



## AC-001 Series Dispensable RF Absorbers, Part A

Safety Data Sheet | Page 1 of 7

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

**Product Name:** AC-001 Series Dispensable RF Absorbers, Part A  
**Product Identifier:** 3PB Solutions Part A for Kit PNs Leading with AC-001

**Recommended Use:** Magnetic powder loaded radio frequency (RF) and microwave absorber.  
For commercial use only.

**Supplier Name:** 3PB Solutions LLC  
**Supplier Address:** 8833 Production Avenue  
San Diego, CA 92121  
**Supplier Phone:** (855)785-5660

**Emergency Phone:** (800)424-9300 (24-hour line)

**Issue Date:** 9/1/2025  
**Supersedes Date:** New issue

### SECTION 2: Hazards Identification

**Classification:** No hazards present. This material is not classified as a hazardous material per the United Nations Globally Harmonized System of Classification and Labeling of Chemicals (GHS), which is aligned with the OSHA Hazard Communication Standard (HCS).

**Label Elements:** Symbols:  
None.

Signal Words:  
None.

Hazard Statements:  
None.

Precautionary Statements:  
Do not handle until all safety precautions have been read and understood.  
Avoid breathing dust/fume/gas/mist/vapors/spray.  
If inhaled high concentrations of airborne dust may irritate the respiratory tract.  
If in eyes contact with airborne dust may cause irritation. Rinse cautiously with water.  
If eye irritation persists remove contact lenses, if present and easy to do. Continue rinsing.  
Store in a dry place.  
In case of fire, use dry chemical, foam, or water spray for extinction.

**Other Hazards:** Dust from this product may be harmful if inhaled. Abrasion of particles may cause eye, skin, and respiratory tract irritation. Ingestion may cause gastric disturbances. High-heat processing may liberate toxic gases.

Eye Contact: Contact with dust may cause irritation to the eyes. Symptoms may include redness, watering, itching, or a burning sensation in the eyes.

Skin Contact: Contact with dust does not generally cause skin irritation.

Inhalation: High concentrations of airborne dust may irritate the respiratory tract, including the nose, throat, and lungs. Symptoms may include coughing, nausea, headaches, or dizziness.

## AC-001 Series Dispensable RF Absorber, Part A

Safety Data Sheet | Page 2 of 7

**Ingestion:** Ingestion may cause irritation to the gastrointestinal tract but is unlikely to occur in industrial or commercial use.

**Chronic Exposure:** Long-term inhalation of iron dust particles results in siderosis, a benign pneumoconiosis.

### SECTION 3: Composition/Information on Ingredients

Chemical Name	CAS Number	Weight %
Iron Powder	7439-89-6	68-90%
Polydimethylsiloxane	63148-62-9	10-22%
Mg(OH) <sub>2</sub>	1309-42-8	0-10%

This product is a homogenous mixture of the above components

### SECTION 4: First-aid Measures

- General First Aid:** Check the vital functions. Unconscious: maintain adequate airway and respiration. Respiratory arrest: artificial respiration or oxygen. Cardiac arrest: perform resuscitation. Victim conscious with labored breathing: half-seated. Victim in shock: on his back with legs slightly raised. Vomiting: prevent asphyxia/aspiration pneumonia. Prevent cooling by covering the victim (no warming up). Keep watching the victim. Give psychological aid. Keep the victim calm, avoid physical strain. Depending on the victim's condition: doctor/hospital.
- Eye Contact:** Immediately flush eyes with plenty of water. Remove contact lenses. Flush with water for at least 15 minutes while occasionally lifting lower and upper eyelids. If irritation persists seek medical attention.
- Skin Contact:** Wash material from the skin thoroughly with soap and water. If irritation persists seek medical attention.
- Inhalation:** Remove to fresh air and rest in half-upright position. If breathing is difficult administer oxygen. Never give anything by mouth to an unconscious person. Get medical attention if symptoms develop.
- Ingestion:** If conscious, immediately rinse mouth and give large amounts of water to drink. Never give anything by mouth to an unconscious person. Seek immediate medical attention.
- Physician Notes:** High heat processing of this product may liberate thermal decomposition gases, which when inhaled can result in polymer fume fever. This condition is characterized by influenza-type symptoms (fever, cough, and malaise), which usually occurs within a few hours and resolves within 48 hours. Following severe exposure the patient should be kept under medical surveillance for at least 48 hours since delayed pulmonary edema may develop.
- Chronic Exposure:** Long-term inhalation of iron dust particles results in siderosis, a benign pneumoconiosis.

### SECTION 5: Firefighting Measures

- Suitable Extinguishing Media:** Use dry chemical, alcohol-resistant foam, or broad water spray.

## AC-001 Series Dispensable RF Absorber, Part A

Safety Data Sheet | Page 3 of 7

**Unsuitable Extinguishing Media:** Do not use carbon dioxide (CO<sub>2</sub>), if possible.

**Specific Fire Hazards:** High heat processing of this product may liberate thermal decomposition gases, which when inhaled can result in polymer fume fever.

**Special Protective Equipment:** Use self-contained breathing apparatus with full face piece operated in pressure mode and protection for skin. Keep containers cool with water spray, if possible.

### SECTION 6: Accidental Release Measures

**Personal Precautions:** None.

**Protective Equipment:** None.

**Emergency Procedures:** None.

**Containment Techniques:** Solid material is generally not a spill concern; however, dust particles from this material may be applicable to spill containment. Restrict area where spill occurred. Tarp spilled material if outdoors to prevent wind dispersion of particles until clean-up can occur.

**Environmental Precautions:** Avoid discharge of particles into drains/surface waters/groundwater.

**Methods for Cleaning-up:** Refer to Section 8, below, for exposure controls. Restrict area and ensure adequate ventilation. Dampen and gently sweep spilled material. Mechanically pick up dampened material and dispose of. Mop or wipe residual from surface using water.

### SECTION 7: Handling and Storage

**Safe Handling:** Use proper personal protective equipment when handling (See Section 8, below). Avoid formation and inhalation of dust particles. Do not eat, drink, or smoke when using this product. Use only in a well-ventilated area. Wash thoroughly with soap and water after handling.

**Storage Conditions:** Store in a cool, dry area away from heat, sparks, open flames, or other sources of ignition.

### SECTION 8: Exposure Controls/Personal Protection

**Control Parameters:** Not defined.

**Engineering Controls:** Provide local exhaust ventilation in processes to capture dust or thermal decomposition gases at their source.

**Individual Protection Measures:** Personal Protective Equipment (PPE), below:

Eyes and Face: Use tightly-fitting safety goggles when dust and thermal decomposition gases may be present.

Skin: If exposure to sanding dust is expected, use nitrile rubber gloves on hands and wear additional impervious clothing as appropriate to protect skin.

## AC-001 Series Dispensable RF Absorber, Part A

Safety Data Sheet | Page 4 of 7

**Respiratory:** In the event that overexposure cannot be avoided, a full-face respirator with cartridges approved by NIOSH when dust exposure levels are known to be within the unit's capability. Use a positive-pressure, air-supplied respirator if exposure levels are not known or where purifying respirators may not provide adequate protection for thermal decomposition products.

### SECTION 9: Physical and Chemical Properties

<b>Appearance:</b>	Physical State: Solid, Color: Medium Gray
<b>Odor:</b>	Characteristic of Silicone Rubber
<b>Odor Threshold:</b>	Not determined
<b>pH:</b>	Not determined
<b>Melting Point:</b>	Not determined
<b>Freezing Point:</b>	Not determined
<b>Initial Boiling Point:</b>	Not determined
<b>Boiling Range:</b>	Not determined
<b>Flash Point:</b>	Not determined
<b>Evaporation Rate:</b>	Not determined
<b>Flammability:</b>	Not determined
<b>Upper Flammability Limit:</b>	Not determined
<b>Lower Flammability Limit:</b>	Not determined
<b>Vapor Pressure:</b>	Not determined
<b>Relative Density:</b>	Varies depending on formulation
<b>Solubility:</b>	Insoluble
<b>Partition Coefficients:</b>	Not determined
<b>Auto-Ignition Temp.:</b>	Not determined
<b>Decomposition Temp.:</b>	Not determined
<b>Viscosity:</b>	Not determined

### SECTION 10: Stability and Reactivity

**Reactivity:** This product is not reactive under ordinary conditions of use and storage.

## AC-001 Series Dispensable RF Absorber, Part A

Safety Data Sheet | Page 5 of 7

**Chemical Stability:** This product is stable under ordinary conditions of use and storage.

**Possibility of Hazardous Reactions:** Hazardous polymerization will not occur under ordinary conditions of use and storage.

**Conditions to Avoid:** Avoid storage under heat and by flames, ignition sources and incompatibles. Avoid exposure to temperatures above 250°C.

**Incompatible Materials:** Avoid contact or contamination with strong oxidizers and acids and molten alkali metals.

**Hazardous Decomposition Products:** Thermal breakdown of this product during fire or very high heat conditions may evolve the following hazardous decomposition products: Nitrogen oxides, metal oxides, formaldehyde, silicone dioxide, and carbon oxides.

### SECTION 11: Toxicological Information

Skin corrosion/irritation:	Not classified
Serious eye damage/irritation:	Not classified
Respiratory or skin sensitization:	Not classified
Germ cell mutagenicity:	Not classified
Carcinogenicity:	Not classified
Reproductive toxicity:	Not classified
Specific target organ toxicity:	Not classified
Aspiration hazard:	Not classified
Inhalation effects:	Not classified
Skin contact effects:	Not classified
Eye contact effects:	Not classified
Ingestion effects:	Not classified
Chronic symptoms:	Long-term inhalation of iron dust particles results in siderosis, a benign pneumoconiosis.

### SECTION 12: Ecological Information

<b>Ecotoxicity:</b>	Not determined
<b>Persistence:</b>	Not determined
<b>Degradability:</b>	Not determined
<b>Bioaccumulative Potential:</b>	Not determined

## AC-001 Series Dispensable RF Absorber, Part A

Safety Data Sheet | Page 6 of 7

**Soil Mobility:** Not determined

**Other Adverse Effects:** Not determined

### SECTION 13: Disposal Considerations

**Waste Disposal:** Dispose of absorbed material in accordance with all federal, state, and local regulations. Dispose of contaminated water in a contained waste treatment system.

### SECTION 14: Transport Information

**DOT Classification:** Not regulated

**Air Transportation:** Not regulated

**Environmental Hazard:** Not determined

**Transport in Bulk:** Not regulated

**Special Precautions:** None

### SECTION 15: Regulatory Information

State and local definitions may vary. If identified components of this product are listed under the TSCA 12(b) Export Notification rule, they will be listed below.

#### State Reporting

**CA Prop 65:** This material is not known to contain a chemical substance known to the State of California to cause cancer, reproductive, or developmental toxicity under California Proposition 65. However, 3PB Solutions LLC has not tested for the presence of listed chemical substances.

**California SCAQMN Rule 443.1 VOC's:** No VOCs

**FDA:** Not listed

**USDA:** Not listed

**EPA:** Not listed

**Status on Substance Lists:** The concentrations shown are maximum or ceiling levels (weight %) to be used for calculations for regulations.

**C.H.I.P. Regulations:** None

**Inventory Status:** The ingredients of this product are listed on, or are exempt from listing, on the TSCA inventory.

**MA Right to Know:** This product contains the following chemicals on the Massachusetts Right to Know Law: None.

**Clean Air Act:** Hazardous Air Pollutants (HAPs): None.



## AC-001 Series Dispensable RF Absorber, Part A

Safety Data Sheet | Page 7 of 7

**Other Regulatory Info:** None

### SECTION 16: Other Information

**Revision Information:** New issue.

**Disclaimer:** 3PB Solutions LLC provides the information in this document in good faith and aims to ensure its accuracy; however, we make no guarantees regarding its completeness or correctness. This document is intended solely for the distribution of health, safety, and environmental data and should not be considered a specification sheet. Some information may be derived from sources other than direct test data on the product.

The buyer assumes all risks associated with the use, storage, and handling of the product in accordance with applicable federal, state, and local laws and regulations. 3PB Solutions LLC expressly disclaims any warranties, whether express or implied, regarding the accuracy or completeness of the information contained herein, including any implied warranties of merchantability or fitness for a particular purpose.

As such, 3PB Solutions LLC will not be liable for any damages arising from the use of or reliance on this information, regardless of claims of inaccuracies, incompleteness, or misleading content.

## AC-001 Series Dispensable RF Absorbers, Part B

Safety Data Sheet | Page 1 of 11

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

**Product Name:** AC-001 Series Dispensable RF Absorbers, Part B  
**Product Identifier:** 3PB Solutions Part B for Kit PNs Leading with AC-001

**Recommended Use:** Catalyst for magnetic powder loaded radio frequency (RF) and microwave absorber.  
For commercial use only.

**Supplier Name:** 3PB Solutions LLC  
**Supplier Address:** 8833 Production Avenue  
San Diego, CA 92121  
**Supplier Phone:** (855)785-5660

**Emergency Phone:** (800)424-9300 (24-hour line)

**Issue Date:** 9/1/2025  
**Supersedes Date:** New issue

### SECTION 2: Hazards Identification

**Classification:** GHS classification in accordance with the OSHA Hazard Communication Standard (29 CFR 1910.1200)  
Reproductive toxicity – Category 1B

**Label Elements:** Hazard Pictograms:



**Signal Words:**  
DANGER!

**Hazard Statements:**  
May damage fertility or the unborn child.

**Precautionary Statements:**  
Obtain special instructions before use.  
Do not handle until all safety precautions have been read and understood.  
Keep away from heat/ sparks/ open flames/ hot surfaces. No smoking.  
Keep only in original container.  
Wear protective gloves, protective clothing, eye protection and/or face protection.  
IF exposed or concerned: Get medical advice/ attention.  
Store in a well-ventilated place.  
Store locked up.  
Dispose of contents and/or container to an approved waste disposal plant.

**Other Hazards:** May generate flammable hydrogen gas. Avoid contact with water, alcohols, acidic, basic, or oxidizing materials.

## AC-001 Series Dispensable RF Absorbers, Part B

Safety Data Sheet | Page 2 of 11

### SECTION 3: Composition/Information on Ingredients

Chemical Name	CAS Number	Weight %
Dimethyl, methylhydrogen siloxane	68037-59-2	40-70%
Dimethyl siloxane, dimethylvinyl terminated	68083-19-2	15-40%
Dimethylvinylated and trimethylated silica	68988-89-6	10-30%
Tetramethyl tetravinyl cyclotetra siloxane	2554-06-5	1-5%
Platinum catalyst	68478-92-2	2-3%

This product is a mixture of the above components

### SECTION 4: First-aid Measures

- General First Aid:** Check the vital functions. Unconscious: maintain adequate airway and respiration. Respiratory arrest: artificial respiration or oxygen. Cardiac arrest: perform resuscitation. Victim conscious with labored breathing: half-seated. Victim in shock: on his back with legs slightly raised. Vomiting: prevent asphyxia/aspiration pneumonia. Prevent cooling by covering the victim (no warming up). Keep watching the victim. Give psychological aid. Keep the victim calm, avoid physical strain. Depending on the victim's condition: doctor/hospital.
- Eye Contact:** Immediately flush eyes with plenty of water. Remove contact lenses. Flush with water for at least 15 minutes while occasionally lifting lower and upper eyelids. If irritation persists seek medical attention.
- Skin Contact:** Wash material from the skin thoroughly with soap and water. If irritation persists seek medical attention.
- Inhalation:** Remove to fresh air and rest in half-upright position. If breathing is difficult administer oxygen. Never give anything by mouth to an unconscious person. Get medical attention if symptoms develop.
- Ingestion:** If conscious, immediately rinse mouth and give large amounts of water to drink. Never give anything by mouth to an unconscious person. Seek immediate medical attention.
- Physician Notes:** No specific antidote. Treatment of exposure should be directed at the control of symptoms and the clinical condition of the patient.

### SECTION 5: Firefighting Measures

- Suitable Extinguishing Media:** Alcohol-resistant foam. Carbon dioxide (CO<sub>2</sub>). Water spray.
- Unsuitable Extinguishing Media:** Dry chemical.
- Specific Hazards:** Hazardous combustion products: Silicon oxides. Formaldehyde. Carbon oxides.
- Unusual Fire and Explosion Hazards: Applying foam will release significant amounts of hydrogen gas that can be trapped under the foam blanket.. Exposure to combustion products may be a hazard to health.. Fire burns more vigorously than would be expected..

## AC-001 Series Dispensable RF Absorbers, Part B

Safety Data Sheet | Page 3 of 11

**Fire Fighting Procedures:** Use water spray to cool unopened containers.. Evacuate area.. Collect contaminated fire extinguishing water separately. This must not be discharged into drains.. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Do not allow extinguishing medium to contact container contents. Most fire extinguishing media will cause hydrogen evolution, and once the fire is put out, may accumulate in poorly ventilated or confined areas and result in flash fire

**Special Protective Equipment:** Use self-contained breathing apparatus with full face piece operated in pressure mode and protection for skin. Keep containers cool with water spray, if possible.

### SECTION 6: Accidental Release Measures

**Personal Precautions:** Remove all sources of ignition.

**Protective Equipment:** Use personal protective equipment.

**Emergency Procedures:** Follow safe handling advice and personal protective equipment recommendations.

**Environmental Precautions:** Discharge into the environment must be avoided. Prevent further leakage or spillage if safe to do so. Prevent spreading over a wide area (e.g. by containment or oil barriers). Retain and dispose of contaminated.

**Methods for Containment and Cleaning-up:** Soak up with inert absorbent material. Clean up remaining materials from spill with suitable absorbent. Local or national regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases. You will need to determine which regulations are applicable. For large spills, provide dyking or other appropriate containment to keep material from spreading. If dyked material can be pumped, store recovered material in appropriate container. Materials in contact with water, moisture, acids or bases have the potential to generate hydrogen gas. Dispose of saturated absorbent or cleaning materials appropriately, since spontaneous heating may occur. Recovered material should be stored in a vented container. The vent must prevent the ingress of water as further reaction with spilled materials can take place.

### SECTION 7: Handling and Storage

**Safe Handling:** Use proper personal protective equipment when handling (See Section 8, below). Avoid formation and inhalation of dust particles. Do not eat, drink, or smoke when using this product. Use only in a well-ventilated area. Wash thoroughly with soap and water after handling.

**Storage Conditions:** Keep in properly labelled containers. Store in original container. Store locked up. Keep tightly closed. Product may evolve minute quantities of flammable hydrogen gas which can accumulate. Adequately ventilate to maintain vapors well below flammability limits and exposure guidelines. Do not repackage.

## AC-001 Series Dispensable RF Absorbers, Part B

Safety Data Sheet | Page 4 of 11

Clogged container vents may increase pressure build up. Store in accordance with the particular national regulations. Store in a closed container. Do not store with the following product types: Strong oxidizing agents. Organic peroxides. Explosives. Gases.

Unsuitable materials for containers: Do not store in or use containers except the original product package.

### SECTION 8: Exposure Controls/Personal Protection

**Control Parameters:** Not defined.

**Engineering Controls:** Provide local exhaust ventilation in processes to capture dust or thermal decomposition gases at their source.

**Individual Protection Measures:** Personal Protective Equipment (PPE), below:

Eyes and Face: Use tightly-fitting safety goggles when dust and thermal decomposition gases may be present.

Skin: If exposure to sanding dust is expected, use nitrile rubber gloves on hands and wear additional impervious clothing as appropriate to protect skin.

Respiratory: In the event that overexposure cannot be avoided, a full-face respirator with cartridges approved by NIOSH when dust exposure levels are known to be within the unit's capability. Use a positive-pressure, air-supplied respirator if exposure levels are not known or where purifying respirators may not provide adequate protection for thermal decomposition products.

### SECTION 9: Physical and Chemical Properties

**Appearance:** Physical State: Liquid, Color: Colorless

**Odor:** Slight

**Odor Threshold:** Not determined

**pH:** Not determined

**Melting Point:** Not determined

**Freezing Point:** Not determined

**Initial Boiling Point:** > 100 °C ( > 212 °F)

**Boiling Range:** Not determined

**Flash Point:** >101.1 °C ( 214.0 °F) (closed cup)

**Evaporation Rate:** Not determined

**Flammability:** Not determined

## AC-001 Series Dispensable RF Absorbers, Part B

Safety Data Sheet | Page 5 of 11

**Upper Flammability Limit:** Not determined

**Lower Flammability Limit:** Not determined

**Vapor Pressure:** Not determined

**Relative Density:** 1.030

**Solubility:** Insoluble

**Partition Coefficients:** Not determined

**Auto-Ignition Temp.:** Not determined

**Decomposition Temp.:** Not determined

**Viscosity:** Not determined

### SECTION 10: Stability and Reactivity

**Reactivity:** This product is not reactive under ordinary conditions of use and storage.

**Chemical Stability:** This product is stable under ordinary conditions of use and storage.

**Possibility of Hazardous Reactions:** Can react with strong oxidizing agents. When heated to temperatures above 180 °C (356 °F) in the presence of air, trace quantities of formaldehyde may be released. Adequate ventilation is required. Product may evolve flammable hydrogen gas on contact with water, alcohols, acidic or basic materials, many metals or metallic compounds and can form explosive mixtures in air. Hazardous decomposition products will be formed at elevated temperatures.

**Conditions to Avoid:** Exposure to moisture.

**Incompatible Materials:** Avoid contact with oxidizing materials.

**Hazardous Decomposition Products:** Thermal breakdown of this product during fire or very high heat conditions may evolve the following hazardous decomposition products: Formaldehyde.

### SECTION 11: Toxicological Information

*Toxicological information appears in this section when such data are available.*

#### Information on likely routes of exposure

Inhalation, Eye contact, Skin contact, Ingestion.

**Acute toxicity (represents short term exposures with immediate effects - no chronic/delayed effects known unless otherwise noted)**

#### Acute Toxicity Endpoints:

Not classified based on available information.

#### Acute oral toxicity

## AC-001 Series Dispensable RF Absorbers, Part B

Safety Data Sheet | Page 6 of 11

### Information for the Product:

Low toxicity if swallowed. Small amounts swallowed incidentally as a result of normal handling operations are not likely to cause injury; however, swallowing larger amounts may cause injury.

As product: Single dose oral LD50 has not been determined.

Based on information for component(s):  
LD50, > 2,000 mg/kg Estimated.

### Information for components:

#### Methylvinylcyclosiloxane

LD50, Rat, > 15,000 mg/kg

### Acute dermal toxicity

#### Information for the Product:

Prolonged skin contact is unlikely to result in absorption of harmful amounts.

As product: The dermal LD50 has not been determined.

Based on information for component(s):  
LD50, > 2,000 mg/kg Estimated.

#### Information for components:

#### Methylvinylcyclosiloxane

The dermal LD50 has not been determined.

Based on testing for product(s) in this family of materials: LD50, > 2,000 mg/kg Estimated.

### Acute inhalation toxicity

#### Information for the Product:

At room temperature, exposure to vapor is minimal due to low volatility; single exposure is not likely to be hazardous. Vapor from heated material may cause respiratory irritation.

As product: The LC50 has not been determined.

#### Information for components:

#### Methylvinylcyclosiloxane

LC50, Rat, male and female, 4 Hour, vapour, > 1.32 mg/l No deaths occurred at this concentration.

### Skin corrosion/irritation

Not classified based on available information.

#### Information for the Product:

## AC-001 Series Dispensable RF Absorbers, Part B

Safety Data Sheet | Page 7 of 11

Based on information for component(s):  
Brief contact may cause slight skin irritation with local redness.

### Information for components:

#### Methylvinylcyclosiloxane

Brief contact may cause slight skin irritation with local redness.

### Serious eye damage/eye irritation

Not classified based on available information.

#### Information for the Product:

Based on information for component(s):  
May cause slight temporary eye irritation.

#### Information for components:

#### Methylvinylcyclosiloxane

May cause slight eye irritation.

### Sensitization

#### For skin sensitization:

Not classified based on available information.

#### For respiratory sensitization:

Not classified based on available information.

#### Information for the Product:

For skin sensitization:

Contains component(s) which did not cause allergic skin sensitization in guinea pigs.

For respiratory sensitization:

No relevant data found.

#### Information for components:

#### Methylvinylcyclosiloxane

For skin sensitization:

No relevant data found.

For respiratory sensitization:

No relevant data found.

### Specific Target Organ Systemic Toxicity (Single Exposure)

Not classified based on available information.

#### Information for the Product:

Product test data not available.

## AC-001 Series Dispensable RF Absorbers, Part B

Safety Data Sheet | Page 8 of 11

### Information for components:

#### Methylvinylcyclosiloxane

Evaluation of available data suggests that this material is not an STOT-SE toxicant.

### Aspiration Hazard

Not classified based on available information.

#### Information for the Product:

Based on available information, aspiration hazard could not be determined.

#### Information for components:

#### Methylvinylcyclosiloxane

Based on available information, aspiration hazard could not be determined.

**Chronic toxicity (represents longer term exposures with repeated dose resulting in chronic/delayed effects - no immediate effects known unless otherwise noted)**

### Specific Target Organ Systemic Toxicity (Repeated Exposure)

Not classified based on available information.

#### Information for the Product:

Product test data not available.

#### Information for components:

#### Methylvinylcyclosiloxane

No relevant data found.

### Carcinogenicity

Not classified based on available information.

#### Information for the Product:

Product test data not available.

#### Information for components:

#### Methylvinylcyclosiloxane

No relevant data found.

### Teratogenicity

May damage fertility or the unborn child.

#### Information for the Product:

## AC-001 Series Dispensable RF Absorbers, Part B

Safety Data Sheet | Page 9 of 11

Product test data not available.

### Information for components:

#### Methylvinylcyclosiloxane

Has been toxic to the fetus in lab animals at doses nontoxic to the mother.

### Reproductive toxicity

May damage fertility or the unborn child.

#### Information for the Product:

Product test data not available.

#### Information for components:

#### Methylvinylcyclosiloxane

In animal studies, has been shown to interfere with fertility.

### Mutagenicity

Not classified based on available information.

#### Information for the Product:

Product test data not available.

#### Information for components:

#### Methylvinylcyclosiloxane

In vitro genetic toxicity studies were negative. Animal genetic toxicity studies were negative.

## SECTION 12: Ecological Information

*Ecotoxicological information appears in this section when such data are available.*

### Toxicity

#### Methylvinylcyclosiloxane

##### **Acute toxicity to fish**

Material is practically non-toxic to aquatic organisms on an acute basis (LC50/EC50/EL50/LL50 >100 mg/L in the most sensitive species tested).

LC50, Cyprinodon variegatus (sheepshead minnow), 96 Hour, > 1,000 mg/l

##### **Acute toxicity to aquatic invertebrates**

EL50, Acartia tonsa, 48 Hour, 221 mg/l, ISO 14669 and PARCOM method

##### **Acute toxicity to algae/aquatic plants**

ErC50, Skeletonema sp., 72 Hour, > 988 mg/l, ISO 10253

### Persistence and degradability

## AC-001 Series Dispensable RF Absorbers, Part B

Safety Data Sheet | Page 10 of 11

### Methylvinylcyclosiloxane

**Biodegradability:** For similar material(s): Material is expected to biodegrade very slowly (in the environment). Fails to pass OECD/EEC tests for ready biodegradability.

10-day Window: Fail

**Biodegradation:** 3.7 %

**Exposure time:** 28 d

**Method:** OECD Test Guideline 310

### Bioaccumulative potential

### Methylvinylcyclosiloxane

**Bioaccumulation:** Bioconcentration potential is high (BCF > 3000 or Log Pow between 5 and 7).

**Partition coefficient: n-octanol/water(log Pow):** 6.49

### Mobility in soil

### Methylvinylcyclosiloxane

No relevant data found.

## SECTION 13: Disposal Considerations

**Disposal methods:** DO NOT DUMP INTO ANY SEWERS, ON THE GROUND, OR INTO ANY BODY OF WATER. All disposal practices must be in compliance with all Federal, State/Provincial and local laws and regulations. Regulations may vary in different locations. Waste characterizations and compliance with applicable laws are the responsibility of the waste generator. AS YOUR SUPPLIER, WE HAVE NO CONTROL OVER THE MANAGEMENT PRACTICES OR MANUFACTURING PROCESSES OF PARTIES HANDLING OR USING THIS MATERIAL. THE INFORMATION PRESENTED HERE PERTAINS ONLY TO THE PRODUCT AS SHIPPED IN ITS INTENDED CONDITION AS DESCRIBED IN SDS SECTION 1: Identified Uses. FOR UNUSED & UNCONTAMINATED PRODUCT, the preferred options include sending to a licensed, permitted: Incinerator or other thermal destruction device. For additional information, refer to: Handling & Storage Information, MSDS Section 7 Stability & Reactivity Information, MSDS Section 10 Regulatory Information, MSDS Section 15

**Treatment and disposal methods of used packaging:** Empty containers should be recycled or otherwise disposed of by an approved waste management facility. Waste characterizations and compliance with applicable laws are the responsibility of the waste generator. Do not re-use containers for any purpose.

## SECTION 14: Transport Information

<b>DOT Classification:</b>	Not regulated for transport.
<b>Air Transportation:</b>	Vented packages are forbidden for air transport.
<b>Environmental Hazard:</b>	Not determined
<b>Transport in Bulk:</b>	Not regulated
<b>Special Precautions:</b>	None

## SECTION 15: Regulatory Information

**Superfund Amendments and Reauthorization Act of 1986 Title III (Emergency Planning and Community Right-to-Know Act of 1986) Sections 311 and 312**

Reproductive toxicity

Revision Date: 9/1/2025

## AC-001 Series Dispensable RF Absorbers, Part B

Safety Data Sheet | Page 11 of 11

### Superfund Amendments and Reauthorization Act of 1986 Title III (Emergency Planning and Community Right-to-Know Act of 1986) Section 313

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

### Pennsylvania Right To Know

The following chemicals are listed because of the additional requirements of Pennsylvania law:

Components	CASRN
Siloxanes and Silicones, di-Me, Me hydrogen	68037-59-2
Dimethyl Siloxane, Dimethylvinylsiloxo-terminated	68083-19-2
Dimethylvinylated and trimethylated silica	68988-89-6
Methylvinylcyclosiloxane	2554-06-5

### California Prop. 65

WARNING: This product can expose you to chemicals including Ethylbenzene, which is/are known to the State of California to cause cancer, and Toluene, which is/are known to the State of California to cause birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

### United States TSCA Inventory (TSCA)

All components of this product are in compliance with the inventory listing requirements of the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

## SECTION 16: Other Information

**Revision Information:** New issue.

**Disclaimer:** 3PB Solutions LLC provides the information in this document in good faith and aims to ensure its accuracy; however, we make no guarantees regarding its completeness or correctness. This document is intended solely for the distribution of health, safety, and environmental data and should not be considered a specification sheet. Some information may be derived from sources other than direct test data on the product.

The buyer assumes all risks associated with the use, storage, and handling of the product in accordance with applicable federal, state, and local laws and regulations. 3PB Solutions LLC expressly disclaims any warranties, whether express or implied, regarding the accuracy or completeness of the information contained herein, including any implied warranties of merchantability or fitness for a particular purpose.

As such, 3PB Solutions LLC will not be liable for any damages arising from the use of or reliance on this information, regardless of claims of inaccuracies, incompleteness, or misleading content.