

SECTION 1 - IDENTIFICATION

Product Name: PVC Shrink Film
Product Grade: Bonset ® SRAE, Bonset ® SRUB, Bonset ® SRHS, Bonset ® SRHL, Bonset ® SRAS, Bonset ® SRHI, Bonset ® SRHIA, Bonset ® SRUA
Chemical Name: Polyvinyl Chloride (PVC) Film
CAS Number: None
Product Use: Packaging, labeling, etc. - This product is considered an article under OSHA Hazard Communication Standard (29 CFR 1910.1200 (b)(6)(v)).

Manufacturer: Bonset America Corporation
Manufacturer Address: 6107 Corporate Park Drive
Browns Summit, NC 27214
Emergency Phone #: 336-375-0234

SECTION 2 - HAZARDS IDENTIFICATION

Bonset ® PVC Shrink Film is expected to be a low hazard for usual industrial or commercial handling and is not considered a hazardous chemical per OSHA's Hazard Communication Standard.

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

Components	CAS Registry No.	Approx. Wt %
Polyvinyl Chloride	9002-86-2	< 85%
MBS	Trade Secret	< 15%
Plasticizer	Trade Secret	< 6%
Stabilizer	Trade Secret	< 5%
External & Internal Lubricant	N/A	< 3%
Antioxidant	N/A	< 1%

SECTION 4 - FIRST-AID MEASURES

Description of necessary first aid measures

- Inhalation:** Remove to fresh air. Get medical attention if symptoms persist.
- Skin Contact:** *Under normal temperature - Remove affected clothing and shoes. Wash skin thoroughly with soap and water. Get medical attention if symptoms occur.
*With molten material - Remove affected clothing and shoes. If burned by contact with molten material, cool as quickly as possible. Do not peel material from skin. Get medical attention immediately.
- Eye Contact:** Any material that contacts the eye should be flushed out immediately with lukewarm water, holding eyelids apart, for 15 minutes. Get medical attention if symptoms persist.
- Ingestion:** Do NOT induce vomiting. Get medical attention. Biologically inert. Extremely unlikely route of entry.

SECTION 5 - FIRE-FIGHTING MEASURES

Flammable limits in air	N/A
Extinguishing media	Carbon dioxide and dry chemical
Specific hazards arising from the chemical	PVC film contains hydrogen chloride, carbon dioxide and other toxic gases when burned. Exposure to combustion products may be fatal over prolonged periods and should be avoided. Powdered material is classified as a combustible dust and may form explosive dust / air mixtures.
Special protective equipment and precautions for fire-fighters	When fighting fires in confined spaces, use self-contained breathing apparatus and protective clothing.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedure

Use appropriate personal protective equipment when cleaning up releases. Refer to Section 8.

Environmental precautions

Protect sewers and waterways. May act as sewer/waterway obstruction.

Methods and materials for containment and cleaning up

Stop leak; contain spill; obstruct exit to sewers, waterways and sources of ignition. Collect into containers.

SECTION 7 - HANDLING AND STORAGE

Precautions for safe handling

- Use appropriate gloves and PPE when handling material. See Section 8.
- Avoid breathing in vapors during processing or dust when material is reground.

Conditions for safe storage, including any incompatibilities

- Store in a cool, dry area. Avoid excessive heat or cold. Avoid excessive humidity or dryness.
- Avoid storage near ignition sources.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits

ACGIH Threshold Limit Value (TLV):	N/A
OSHA (USA) Permissible Exposure Limit (PEL):	N/A

Personal Protective Equipment

Respiratory Protection:	None required.
Eye Protection:	Wear safety glasses when handling. It is a good industrial hygiene practice to minimize eye contact.

Skin Protection:	None required under normal conditions. If necessary, wear appropriate protective gloves for handling. It is a good industrial hygiene practice to minimize skin contact. When material is heated, wear gloves to protect against thermal burns.
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SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Form/Appearance:	Solid / Sheet Film	Vapor Pressure (mmHg):	Solid
Color:	Clear/Tint	Boiling Point:	Solid
Odor:	Plastic	Solubility in Water:	N/A
pH:	N/A	Vapor Density:	N/A
Melting Point:	> 160°C	Autoignition Temperature:	N/A
Flash Point:	N/A	Specific Gravity:	1.4

SECTION 10 - STABILITY AND REACTIVITY

Reactivity	Hazardous polymerization will not occur.
Chemical stability	Thermally unstable.
Conditions to avoid	Polyvinyl chloride is unstable at high temperature. It decomposes when subjected to prolonged heating, emitting hydrogen chloride (HCl).
Incompatible materials	Polyvinyl chloride is known to dissolve in some aromatic and halogenated solvents.
Hazardous decomposition products	Hydrogen Chloride, Carbon Dioxide, and Carbon Monoxide

SECTION 11 - TOXICOLOGICAL INFORMATION

Routes of Exposure	
Skin/Eye Contact	None under normal handling, temperatures, and pressures. Molten polymer can cause thermal burns.
Inhalation	Under normal industrial use, there is no exposure to dust or vapor above health hazard limits.
Ingestion	If ingested, get medical attention. Not expected during normal processing. Biologically inert. Extremely unlikely route of entry.
Exposure Limits	
	PVC film may contain trace amounts of less than 1 ppm vinyl chloride monomer (VCM), a cancer suspect agent. Exposure to VCM should not occur.
Toxicity	No Information Available

SECTION 12 - ECOLOGICAL INFORMATION

Ecotoxicity	This product is not expected to be harmful to aquatic life or the environment as it is a stable solid and insoluble in water.
Persistence and degradability	No Information Available
Bioaccumulative potential	No Information Available
Mobility in soil:	No Information Available
Other adverse effects:	No Information Available



SECTION 13 - DISPOSAL CONSIDERATIONS

Recycle or reuse product when applicable. Dispose of in accordance with federal, state and local regulations through recycling, incineration or landfill.

SECTION 14 - TRANSPORT INFORMATION

Transportation Requirements

Not a DOT Hazardous Material.

SECTION 15 - REGULATORY INFORMATION

US Federal

TSCA All Components are listed on TSCA Inventory.

SARA Section 313 This product does not contain any chemicals subject to the reporting requirements of SARA and 40 CFR Part 372.

Other Regulations For more information about compliances and regulations, please refer to our **Product Regulatory Information Sheet for PVC Films - PRIS0001**, available upon request.

SECTION 16 - OTHER INFORMATION

<u>NFPA Rating</u>	Health 1	<u>HMIS Rating</u>	Health 0
	Flammability 1		Flammability 1
	Reactivity 0		Reactivity 0

Revision Information

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