Hazardous Component Safety Data Statement

1. Product and Company Indentification

Product Name : Wedus PVC shrink film
Chemical Name : Polyvinyl Chloride
Product Grade : WPV
Product Use : Shrink sleeve labels, Multi-packs, Tamper-evident banda

Distributor: Ratermann Manufacturing
601 Pinnacle Place, Livermore CA 94550

2. Hazards Indentification

Not classified as a hazardous substance or mixture according to the Occupational Safety and Health Administration (OSHA) Hazard Communication Standard 2012.

Other hazards

If seriously overheated, HCL fumes and tracs of VCM may evolve - avoid inhalation of such fumes.

3. Composition/Information on ingredients

Substance	CAS No.	Substance	CAS No.
Polyvinyl Chloride	9002-86-2	Oxidized Polyethylene	68441-17-8
Octyltin tris(2-ethylhexyl thioglycolate)	27107-89-7	Calcium Chloride	10043-52-4
C10-C16 alkyl alcohol	68585-47-7	Glycerine mono stearate	31566-31-1
Zinc stearate	557-05-1	Calcium stearate	1592-23-0
Polyethylene wax	8002-74-2	Stearic acid	57-11-4

4. First aid and Measures

OVEREXPOSURE BY	EFFECTS	FIRST AID
Inhalation	None expected under normal use. Film may block airway causing suffocation. Fumes from burning material may cause irritation of nose and throat, dizziness, nausea.	Remove to fresh air. Apply artificial respiration if not breathing. Consult physician
Swallowing	None under normal use. Film may block digestive tract.	Consult physician.
Eye	Fumes from burning material may cause irritation.	Flush with warm, clean water for 15minutes, lifting both lids. Consult physician.
Skin	None expected under normal use. Hot, molten material may cause burns.	Place immediately into cold water. Do not remove material. Consult physician.

5. **Firefighting Measures**

Flash point : N/A
Suitable extinguishing media : The product itself does not burn.
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Extinguishing media : Water, Water fog, Dry chemical CO2, and Foam.

Special fire fighting procedures : Used self-contained breathing apparatus if exposed to fumes.

Unusual fire and explosion hazards : No unusual hazards.

Unsuitable extinguishing media : No applicable data available.

Special protective equipment : Wear self-contained breathing apparatus and protective suit.

6. **Accidental release measures**

Note: Review "Firefighting Measures" and "Handling (Personnel)" sections before proceeding with clean-up. Use appropriate personal protective equipment during clean-up.

Safeguards (Personnel) : No applicable date available.

Environmental precautions : Prevent material from entering sewers, waterways, or low areas.
Accidental Release Measures : No applicable data available.

7. **Handling and Storage**

Handling (Personnel) : Avoid breathing vapors from overheated material.
General industrial hygiene practice.

Recommended storage conditions : Below 70°F to prevent changes in physical properties(Shrinkage).

8. **Exposure controls/Personal protection**

Conditions to avoid : Heating and processing above 400°F because thermal degradation occurs.
Materials to avoid : Aromatic Hydrocarbons, Esters, Ketons.

Personal protective equipment
Respiratory protection : No personal respiratory protective equipment normally required. In the case of hazardous fumes caused by overheating, wear self-contained breathing apparatus.

Hand protection : Additional protection - No particular glove type is recommended.

Eye protection : Safety glasses

Skin and body protection : Avoid contact with hot, molten material and wear appropriate personal protective skin and body protection.

9. **Physical and Chemical Properties**

Melting point : Approx. 340-390°F Solubility in water : Insoluble

Form : Solid Volatile : N/A

Appearance : Film Color : Clear

Odor : Slight characteristic plastic odor

10. **Stability and Reactivity**

Reactivity : Stable under recommended storage conditions.

Chemical stability : Stable under normal conditions.

Possibility of hazardous reactions : No applicable data available.

Conditions to avoid : Decomposition temperature above 400°F.

Hazardous decomposition products ; HCL fumes, traces of VCM.