



Venkelbaan 82 • NL-2908 KE
Capelle aan den IJssel • The Netherlands
Tel +31(0)10 3030 054
info@biotak.com

PRODUCT DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE

Product Name	BioTAK™ S100
Description	A general purpose chill/permanent pressure sensitive adhesive
Introduction	S100 is a water-borne PSA based on a specially modified acrylic copolymer
Characteristics	S100 is permanently tacky when dry and is suitable for a variety of label and tape applications. The adhesive is carefully formulated to include a high content of renewable (non-fossil derived) materials, and is certified to European compostable packaging standard EN13432
Features	<ul style="list-style-type: none">▪ Fast, Easy Clean▪ Repulpable▪ Coater Ready for Meyer Rod, Slot or Reverse Roll▪ Compostable & Biodegradable▪ Near neutral pH
Contact	Sustainable Adhesive Products BV
Emergency Telephone Number	+31 (0)10 3030 054

2. COMPOSITION/INFORMATION ON INGREDIENTS

Adhesive Composition Aqueous Modified Acrylic

3. HAZARDS IDENTIFICATION

Main Hazards No Significant Hazard

4. FIRST AID MEASURES

Skin Contact	May cause skin irritation to skin. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.
Eye Contact	May cause irritation to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.
Inhalation	May cause irritation to mucous membranes. Move the exposed person to fresh air.
Ingestion	May cause irritation to mucous membranes. DO NOT INDUCE VOMITING. Seek medical attention if irritation or symptoms persist.

5. FIRE FIGHTING MEASURES

Extinguishing Media	Use extinguishing media appropriate to the surrounding fire conditions.
Fire Hazards	Burning produces irritating, toxic and obnoxious fumes.
Protective equipment	Wear suitable respiratory equipment when necessary.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions	Ensure adequate ventilation to the working area
Environmental Precautions	Don not allow product to enter drains. Prevent further spillage if safe.
Clean Up Methods	Absorb with inert, absorbent material. Sweep up. Transfer to a suitable, labelled container for disposal. Clean spillage area thoroughly with plenty of water.

7. HANDLING AND STORAGE

Handling	Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Adopt best manual handling considerations when handling, carrying and dispensing.
Storage	Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labelled containers.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Measures	Ensure adequate ventilation of the working area
Hand protection	Chemical resistant gloves (PVC)
Eye protection	In case of splashing, wear: Approved safety goggles
Protective equipment	Wear protective clothing

9. PHYSICAL AND CHEMICAL PROPERTIES

Description	Aqueous solution
Colour	Off white
Odour	Characteristic
Viscosity	1200 – 2250 m.Pas (Brookfield 3@20, 20°C)
pH	5.5 – 7.0
SG	1.05 g/cm ³
Total Solids Content	48-50%
Glass Transition Temperature (T_g)	-45°C

10. STABILITY AND REACTIVITY

Stability Stable under normal conditions.

11. TOXICOLOGICAL INFORMATION

Toxicological information No information is yet available

12. ECOLOGICAL INFORMATION

Ecotoxicity No information is yet available
Ecotoxicity has been tested and shows no negative effects.
The adhesive is certified in compliance with EN13432 up to 26,5 gsm dry weight

13. DISPOSAL CONSIDERATIONS

General information Dispose of in compliance with all local and national regulations.

Disposal methods Contact a licensed waste disposal company. Dispose of in compliance with all local and national regulations. For disposal within the EC, the appropriate code according to the European Waste Catalogue (EWC) should be used.

Disposal of packaging Empty containers can be sent for disposal or recycling

14. TRANSPORT INFORMATION

Further information This product is not classified as dangerous for carriage.

15. REGULATORY INFORMATION

Risk phrases NSH – No significant Hazard

16. OTHER INFORMATION

FDA Approval The following statement regarding the food contact status of the adhesive is based on our raw material suppliers for all components used in the adhesive.
The adhesive meets the requirements of indirect food contact as defined in CFR FDA 175:105

Further Information The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.