



**SAFETY DATA SHEET**  
**Polyken 826**

---

**1. IDENTIFICATION**

---

<b>Product Name</b>	Polyken 826
<b>Recommended use of the chemical and restrictions on use</b>	
<b>Identified uses</b>	Pressure Sensitive Adhesive
<b>Company Identification</b>	Berry Plastics Corporation 25 Forge Parkway Franklin, MA 02038
<b>Customer Information Number</b>	(800) 248-7659 (Monday – Friday 8:00 am to 5:00 pm) msdstechnical@berryplastics.com
<b>Emergency Telephone Number</b>	
<b>Chemtrec Number</b>	Within USA and Canada: 1-800-424-9300 CCN22955 Outside USA and Canada: +1 703-741-5970 (collect calls accepted)
<b>Issue Date</b>	July 29, 2014
<b>Supersedes Date</b>	March 10, 2011

*Safety Data Sheet prepared in accordance with OSHA's Hazard Communication Standard (29 CFR 1910.1200) and the Globally Harmonized System of Classification and Labelling of Chemicals (GHS)*

---

**2. HAZARD IDENTIFICATION**

---

**Hazard Classification**

This product is classified as not hazardous in accordance with the Globally Harmonized System of Classification and Labelling (GHS).

**Label Elements**

Hazard Symbols  
None

Signal Word: None

**Hazard Statements**

None

**Precautionary Statements**

**Prevention**

None

**Response**

None

**Storage**

None

**Disposal**

None

---

**2. HAZARD IDENTIFICATION**

---

**Other Hazards**

None identified.

**Specific Concentration Limits**

The values listed below represent the percentages of ingredients of unknown toxicity.

Acute oral toxicity	5 - 15%
Acute dermal toxicity	5 - 15%
Acute inhalation toxicity	90 - 99%
Acute aquatic toxicity	90 - 99%

---

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

---

**Synonyms:**

This product is a mixture.

Component	CAS Number	Concentration
Inorganic Compound(s)	N.A.	1 - 10%
Carbon Black	1333-86-4	0.1 - 1%

---

**4. FIRST- AID MEASURES**

---

**Description of necessary first-aid measures****Eyes**

Immediately flood the eye with plenty of water. Obtain medical attention if symptoms persist.

**Skin**

Wash skin thoroughly with soap and water. Obtain medical attention if symptoms persist.

**Ingestion**

Obtain medical attention immediately.

**Inhalation**

Remove person to fresh air if symptoms occur. Seek medical attention if symptoms persist.

**Most important symptoms/effects, acute and delayed**

Aside from the information found under Description of necessary first aid measures (above) and Indication of immediate medical attention and special treatment needed, no additional symptoms and effects are anticipated.

**Indication of immediate medical attention and special treatment needed****Notes to Physicians**

Treat symptomatically.

---

**5. FIRE - FIGHTING MEASURES**

---

**Suitable Extinguishing Media**

Water spray, carbon dioxide and dry chemical.

---

**5. FIRE - FIGHTING MEASURES**

---

**Specific hazards arising from the chemical**

May release hazardous vapors during a fire.

**Special Protective Actions for Fire-Fighters**

Wear full protective clothing and self-contained breathing apparatus.

---

**6. ACCIDENTAL RELEASE MEASURES**

---

**Personal precautions, protective equipment and emergency procedures**

Wear appropriate protective clothing.

**Environmental Precautions**

Prevent the material from entering drains or watercourses.

**Methods and materials for containment and cleaning up**

Pick up and transfer into suitable containers for recovery or disposal.

---

**7. HANDLING AND STORAGE**

---

**Precautions for safe handling**

Wear appropriate protective clothing.

**Conditions for safe storage**

Store away from sources of heat or ignition. Storage area should be: cool - dry - well ventilated - out of direct sunlight - away from sources of ignition(heat, sparks, flames, pilot lights) - away from incompatible materials (see Section 10)

---

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

---

**Control parameters**

Exposure limits are listed below, if they exist.

**Carbon Black**

OSHA and ACGIH TLV: 3.5 mg/m<sup>3</sup>

**Appropriate engineering controls**

No specific measures necessary. Good general room ventilation is expected to be adequate to control airborne levels.

**Individual protection measures****Respiratory Protection**

Respiratory protection not normally required.

**Skin Protection**

Not required under normal conditions of use.

**Eye/Face Protection**

Safety glasses

**Body Protection**

Normal work wear.

---

**9. PHYSICAL AND CHEMICAL PROPERTIES**

---

**Appearance****Physical State** Solid: Rubber based pressure sensitive adhesive coated on one side of polymer backing**Color** Backing: Black or white  
Adhesive: Gray  
Slight**Odor****Odor Threshold** No data available**pH** Not applicable**Density (g/yd<sup>2</sup>)** No data available**Boiling Range/Point (°C/F)** Not applicable**Melting Point (°C/F)** Not applicable**Flash Point (PMCC) (°C/F)** Not applicable**Vapor Pressure** Not applicable**Evaporation Rate (BuAc=1)** Not applicable**Solubility in Water** Negligible**Vapor Density (Air = 1)** Not applicable**VOC (%)** 0**Partition coefficient (n-octanol/water)** Not applicable**Viscosity** Not applicable**Auto-ignition Temperature** No data available**Decomposition Temperature** No data available**Upper explosive limit** No data available**Lower explosive limit** No data available**Flammability (solid, gas)** No data available

---

**10. STABILITY AND REACTIVITY**

---

**Reactivity**

Data is not available.

**Chemical Stability**

Stable under normal conditions.

**Possibility of hazardous reactions**

Hazardous polymerization will not occur.

**Conditions to Avoid**

Heat, sparks, flames - high temperatures - contact with incompatible materials

**Incompatible Materials**

Strong acids - bases - oxidizers

**Hazardous Decomposition Products**

Oxides of carbon – alcohols – aldehydes – ketones – partially oxidized hydrocarbons - acrolein

---

**11. TOXICOLOGICAL INFORMATION**

---

**Acute Toxicity**Carbon Black

LD50 oral (rat) &gt;8000 mg/kg

---

**11. TOXICOLOGICAL INFORMATION**

---

**Specific Target Organ Toxicity (STOT) – single exposure**

Available data indicates this product is not expected to cause target organ effects after a single exposure.

**Specific Target Organ Toxicity (STOT) – repeat exposure**

Available data indicates this product is not expected to cause target organ effects after repeated exposure.

**Serious Eye damage/Irritation**

Available data indicates this product is not expected to cause eye irritation.

**Skin Corrosion/Irritation**

Available data indicates this product is not expected to cause skin irritation.

**Respiratory or Skin Sensitization**

Available data indicates this product is not expected to cause skin sensitization.

Available data indicates this product is not expected to cause respiratory sensitization.

Carbon Black: No evidence of sensitization was found in animals. No cases of sensitization in humans have been reported.

**Carcinogenicity**Carbon Black

Classified by IARC as Group 2B, possible human carcinogen. Tumor development in rats by lung overload but no epidemiological evidence for lung tumors in humans was demonstrated. Additionally, several other detailed investigations, did not show a causative link between carbon black exposure and cancer risk in humans. These conclusions were consistent with the IARC evaluation in 2006. Under GHS, even if adverse effects are seen in animal studies or in-vitro tests, no classification is need if the mechanism or mode of action is not relevant to humans. Applying GHS rules does not lead to classification of carbon black as a carcinogen since lung overload in animals is not a mechanism that is relevant to humans.

**Germ Cell Mutagenicity**

Available data indicates this product is is not expected to be mutagenic.

Carbon Black :Not considered to be mutagenic based on in vivo studies.

**Reproductive Toxicity**

Available data indicates this product is not expected to cause reproductive toxicity or birth defects.

Carbon Black: No reproductive effects have been reported in long term animal studies.

**Aspiration Hazard**

Not an aspiration hazard.

---

**12. ECOLOGICAL INFORMATION**

---

**Ecotoxicity**Carbon Black

LC50 Zebra fish >1000mg/l 96hr

EC50 Water flea >5600 mg/l 24hr

EC50 Algae >10,000 mg/l 72hr

**Mobility in soil**

No relevant studies identified.

---

**12. ECOLOGICAL INFORMATION**

---

**Persistence/Degradability**

No relevant studies identified.

**Bioaccumulative Potential**

No relevant studies identified.

**Other adverse effects**

No relevant studies identified.

---

**13. DISPOSAL CONSIDERATIONS**

---

**Disposal Methods**

Dispose of in accordance with all applicable local and national regulations.

---

**14. TRANSPORT INFORMATION**

---

<b>DOT CFR 172.101 Data</b>	Not Regulated
<b>UN Proper Shipping Name</b>	Not Regulated
<b>UN Class</b>	None
<b>UN Number</b>	None
<b>UN Packaging Group</b>	None
<b>Classification for AIR Transportation (IATA)</b>	Consult current IATA Regulations prior to shipping by air.
<b>Environmental Hazards</b>	Not a marine pollutant

---

**15. REGULATORY INFORMATION**

---

**United States TSCA Inventory**

All components of this product are in compliance or are exempt from inventory listing requirements of the US Toxic Substance Control Act (TSCA) Chemical Substance Inventory.

**Canada DSL Inventory**

All components of this product have not been verified for inclusion or are exempt from listing on the Domestic Substance List (DSL).

**WHMIS Classification**

None

This product was classified in accordance with the hazard criteria of the Canadian Controlled Products Regulations and the MSDS contains all the information required by these regulations.

**California Proposition 65**

This product contains trace amounts of a chemical which the State of California has found to cause cancer, birth defects or other reproductive harm.

**SARA Title III Sect. 311/312 Categorization**

None

**SARA Title III Sect. 313**

This product does not contain any chemicals listed in Section 313 at or above de minimis concentrations.

---

**16. OTHER INFORMATION**

---

**NFPA Ratings**

NFPA Code for Flammability - 0  
NFPA Code for Health - 0  
NFPA Code for Reactivity - 0  
NFPA Code for Special Hazards – None

**HMIS Ratings**

HMIS Code for Flammability - 0  
HMIS Code for Health - 0  
HMIS Code for Physical Hazard - 0  
HMIS Code for Personal Protection - See Section 8  
\*Chronic

**Legend**

ACGIH: American Conference of Governmental Industrial Hygienists  
CAS: Chemical Abstracts Service  
ECHA: European Chemicals Agency  
IARC: International Agency for Research on Cancer  
N/A: Denotes no applicable information found or available  
NTP: National Toxicology Program  
OSHA: Occupational Safety and Health Administration  
PEL: Permissible Exposure Limit  
SDS: Safety Data Sheet  
STEL: Short Term Exposure Limit  
TLV: Threshold Limit Value

**Information Source and References**

This SDS is prepared by Hazard Communication Specialists based on information provided by internal company references.

**Prepared By:** EnviroNet LLC.

The information and recommendations presented in this SDS are based on sources believed to be accurate. Berry Plastics Corporation assumes no liability for the accuracy or completeness of this information. It is the user's responsibility to determine the suitability of the **material** for their particular purposes. In particular, we make **NO WARRANTY OF MERCHANTABILITY OR ANY OTHER WARRANTY, EXPRESS OR IMPLIED**, with respect to such information, and we assume no liability resulting from its use. Users should ensure that any use **or disposal** of the material is in accordance with applicable Federal, State, and local laws and regulations.

---