

**1. IDENTIFICATION OF THE SUBSTANCE/PREPARATIONS AND OF THE COMPANY UNDERTAKING**

**Product Name** Polyken 930  
**Product Description** Pressure Sensitive Adhesive  
**Manufacturer/Supplier** Berry Plastics Corporation, Tapes and Coatings Division  
**Address** 25 Forge Parkway  
 Franklin, MA 02038  
**Phone Number** (800) 248-7659 (Monday – Friday 8:00 am to 5:00 pm)  
**Chemtrec Number** (800) 424-9300  
**Revision Date:**  
**MSDS Date:** May 18, 2009  
*Safety Data Sheet according to EC directive 2001/59/EC and OSHA's Hazcom Standard (29 CFR 1910.1200)*

**2. HAZARDS IDENTIFICATION**

**EU Main Hazards**  
 Not classified as hazardous.

**Routes of Entry**

Skin contact

**Carcinogenic Status**

See section 11.

**Target Organs**

- Skin

**Health Effects - Eyes**

Contact may cause irritation due to mechanical abrasion.

**Health Effects - Skin**

Prolonged, repeated contact with adhesive may cause skin irritation.

**Health Effects - Ingestion**

Not an expected route of entry during normal handling and use.

**Health Effects - Inhalation**

Not expected to cause irritation during normal handling and use.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

| <b>Component Name</b>                                 | <b>CAS#/Codes</b>       | <b>Concentration</b> | <b>R Phrases</b> | <b>Classification</b> |
|-------------------------------------------------------|-------------------------|----------------------|------------------|-----------------------|
| Polymers and Rubbers                                  | N.A.                    | <35%                 | None             | None                  |
| Hydrocarbon resin                                     | N.A.                    | <15%                 | None             | None                  |
| Heavy hydrotreated naphthenic distillates (petroleum) | 64742-52-5<br>265-155-0 | <2%                  | R45              | T, Carc. Cat 2        |
| Quartz                                                | 14808-60-7<br>238-878-4 | <0.3%                | None             | None                  |
| Inorganic Compound(s)                                 | N.A.                    | <25%                 | None             | None                  |
| Carbon Black                                          | 1333-86-4<br>215-609-9  | <10%                 | None             | None                  |

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#### 4. FIRST AID MEASURES

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##### Eyes

Immediately flood the eye with plenty of water for at least 15 minutes, holding the eye open. Obtain medical attention if soreness or redness persists.

##### Skin

Wash skin thoroughly with soap and water. Obtain medical attention if blistering occurs or redness persists.

##### Ingestion

Obtain medical attention immediately.

##### Inhalation

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

##### Advice to Physicians

Treat symptomatically.

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#### 5. FIRE - FIGHTING MEASURES

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##### Extinguishing Media

Water spray, carbon dioxide and dry chemical.

##### Unusual Fire and Explosion Hazards

Can release hazardous vapors during a fire.

##### Protective Equipment for Fire-Fighting

Wear full protective clothing and self-contained breathing apparatus.

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#### 6. ACCIDENTAL RELEASE MEASURES

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No specific measures necessary. Prevent the material from entering drains or watercourses.

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#### 7. HANDLING AND STORAGE

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Keep away from heat and sources of ignition. Exposure to high heat or flame can release irritating and toxic fumes. Storage area should be: - cool - dry - well ventilated - away from incompatible materials

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#### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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##### Occupational Exposure Standards

Exposure limits are listed below, if they exist.

##### Polymers and Rubbers

None established

##### Inorganic Compound(s)

None established

##### Distillates(petroleum)Hydrotreated Heavy Naphthenic as Oil mist, mineral

ACGIH TLV: 5 mg/m<sup>3</sup>, STEL: 10 mg/m<sup>3</sup>

##### Hydrocarbon Resin

None established

##### Carbon Black

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

##### Quartz

ACGIH TLV for Quartz (silica-crystalline) is 0.025 mg/m<sup>3</sup> measured as respirable fraction of the aerosol

##### Engineering Control Measures

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

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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### Respiratory Protection

Respiratory protection not normally required.

### Hand Protection

Not required under normal conditions of use. However, care should be taken to avoid contact with the adhesive.

### Eye Protection

Safety glasses

### Body Protection

Normal work wear.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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|                                   |                                                           |
|-----------------------------------|-----------------------------------------------------------|
| <b>Physical State</b>             | Coated polymer backing with a pressure sensitive adhesive |
| <b>Color</b>                      | White backing with black adhesive                         |
| <b>Odor</b>                       | Slight                                                    |
| <b>pH</b>                         | Not applicable                                            |
| <b>Specific Gravity</b>           | No data available                                         |
| <b>Boiling Range/Point (°C/F)</b> | Not applicable                                            |
| <b>Melting Point (°C/F)</b>       | Not applicable                                            |
| <b>Flash Point (PMCC) (°C/F)</b>  | Not known                                                 |
| <b>Explosion Limits (%)</b>       | No data available                                         |
| <b>Vapor Pressure</b>             | Not applicable                                            |
| <b>Density</b>                    | No data.                                                  |
| <b>Solubility in Water</b>        | Not known                                                 |
| <b>Vapor Density (Air = 1)</b>    | Not applicable                                            |

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## 10. STABILITY AND REACTIVITY

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### Stability

Stable under normal conditions.

### Conditions to Avoid

- Heat - High temperatures

### Materials to Avoid

Strong oxidizers

### Hazardous Polymerization

Will not occur.

### Hazardous Decomposition Products

- oxides of carbon - hydrocarbons

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## 11. TOXICOLOGICAL INFORMATION

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### Acute Toxicity

Low order of acute toxicity.

### Chronic Toxicity/Carcinogenicity

Carbon Black is classified by IARC: Group 2B possible human carcinogen. When encapsulated in the adhesive matrix the risk of exposure is reduced.

For "inhalable" crystalline silica (quartz): IARC Overall Evaluation is 1 (carcinogenic to humans), the quartz in this formulation is in an adhesive matrix and is not expected to be "inhalable."

### Genotoxicity

This product is not expected to cause any mutagenic effects.

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**11. TOXICOLOGICAL INFORMATION**

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**Reproductive/Developmental Toxicity**

This product is not expected to cause adverse reproductive effects.

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**12. ECOLOGICAL INFORMATION**

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**Mobility**

No relevant studies identified.

**Persistence/Degradability**

No relevant studies identified.

**Bio-accumulation**

No relevant studies identified.

**Ecotoxicity**

The product may be harmful to aquatic organisms.

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**13. DISPOSAL CONSIDERATIONS**

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

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**14. TRANSPORT INFORMATION**

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|                                                         |                                                            |
|---------------------------------------------------------|------------------------------------------------------------|
| <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<br/>Transportation (IATA)</b> | Consult current IATA Regulations prior to shipping by air. |

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**15. REGULATORY INFORMATION**

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**EU Label Information**

Classification and labelling have been performed according to EU directives 67/548/EEC and 99/45/EC including amendments(2001/60/EC and 2006/8/EC)

**EC Annex I Classification**

According to EC Commission Directive 67/548/EEC this product is not classified.

**R phrases**

None.

**S phrases**

None.

**US REGULATIONS (Federal, State) and INTERNATIONAL CHEMICAL REGISTRATION LAWS****TSCA Listing**

This product contains ingredients that are listed on or exempt from listing on the EPA Toxic Substance Control Act Chemical Inventory.

**EINECS Listing**

All ingredients in this product have not been verified for inclusion on the European Inventory of Existing Commercial Chemical Substances (EINECS) or specifically exempted.

**DSL (Canadian) Listing**

All ingredients in this product have been verified for inclusion on the Domestic Substance List (DSL).

**California Proposition 65**

This product contains the following materials which the State of California has found to cause cancer, birth defects or other reproductive harm: None

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**15. REGULATORY INFORMATION**

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

Immediate (acute) Delayed (chronic)

**SARA Title III Sect. 313**

This product contains the following chemicals that are listed in Section 313 at or above de minimis concentrations: None

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**16. OTHER INFORMATION**

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**NFPA Ratings**

NFPA Code for Flammability - 0

NFPA Code for Health - 1

NFPA Code for Reactivity - 0

NFPA Code for Special Hazards - 0

**HMIS Ratings**

HMIS Code for Flammability - 0

HMIS Code for Health - 1

HMIS Code for Reactivity - 0

HMIS Code for Personal Protection - See Section 8

**Abbreviations**

N/A: Denotes no applicable information found or available

CAS#: Chemical Abstracts Service Number

ACGIH: American Conference of Governmental Industrial Hygienists

OSHA: Occupational Safety and Health Administration

TLV: Threshold Limit Value

PEL: Permissible Exposure Limit

STEL: Short Term Exposure Limit

NTP: National Toxicology Program

IARC: International Agency for Research on Cancer

R: Risk

R45: May cause cancer.

T: Toxic

S: Safety

Carcinogen Category 2: Substances which should be regarded as if they are carcinogenic to man.

LC50: Lethal Concentration 50%

LD50: Lethal Dose 50%

BOD: Biological Oxygen Demand

KoC: Soil Organic Carbon Partition Coefficient

**For further information email:** [msdstechnical@berryplastics.com](mailto:msdstechnical@berryplastics.com)

**Prepared By:** EnviroNet LLC

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