

**SAFETY DATA SHEET**  
**Polyken 100D, 104C, 105C**

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**1. IDENTIFICATION**

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<b>Product Name</b>	Polyken 100D, 104C, 105C
<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) msdstechical@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>	April 3, 2014
<b>Supersedes Date</b>	Polyken 105C – April 10, 2008 Polyken 100D – December 8, 2008

*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)*

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**2. HAZARD IDENTIFICATION**

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**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

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**2. HAZARD IDENTIFICATION**

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**Other Hazards**

None identified.

**Specific Concentration Limits**

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

Acute oral toxicity	45 - 55%
Acute dermal toxicity	45 - 55%
Acute inhalation toxicity	85 - 95%
Acute aquatic toxicity	90 - 100%

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**3. COMPOSITION/INFORMATION ON INGREDIENTS**

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**Synonyms:**

This product is a mixture.

<b>Component</b>	<b>CAS Number</b>	<b>Concentration</b>
Polymers and Resins	N.A.	25 - 35%
Inorganic Compound(s)	N.A.	10 - 20%
Distillates (petroleum) Hydrotreated Heavy Naphthenic	64742-52-5	1 - 10%
Titanium Dioxide	13463-67-7	0.1 - <1%

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**4. FIRST- AID MEASURES**

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**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.

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**5. FIRE - FIGHTING MEASURES**

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**Suitable Extinguishing Media**

Water spray, carbon dioxide and dry chemical.

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**5. FIRE - FIGHTING MEASURES**

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**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.

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**6. ACCIDENTAL RELEASE MEASURES**

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**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.

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**7. HANDLING AND STORAGE**

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**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)

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**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

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**Control parameters**

Exposure limits are listed below, if they exist.

**Polymers and resins**

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>

**Titanium Dioxide**

ACGIH TLV: 10 mg/m<sup>3</sup> TWA

OSHA PEL: 15 mg/m<sup>3</sup> TWA (Total dust)

**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

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**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

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**Body Protection**

Normal work wear.

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**9. PHYSICAL AND CHEMICAL PROPERTIES**

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**Appearance**

<b>Physical State</b>	Solid: Cloth backing coated on both sides with pressure sensitive adhesive with paper or polymer liner
<b>Color</b>	Beige adhesive and white brown or blue liner
<b>Odor</b>	Slight
<b>Odor Threshold</b>	No data available
<b>pH</b>	Not applicable
<b>Density (g/yd<sup>2</sup>)</b>	330 - 390
<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 applicable
<b>Vapor Pressure</b>	Not applicable
<b>Evaporation Rate (BuAc=1)</b>	Not applicable
<b>Solubility in Water</b>	Negligible
<b>Vapor Density (Air = 1)</b>	Not applicable
<b>VOC (%)</b>	0
<b>Partition coefficient (n-octanol/water)</b>	Not applicable
<b>Viscosity</b>	Not applicable
<b>Auto-ignition Temperature</b>	No data available
<b>Decomposition Temperature</b>	No data available
<b>Upper explosive limit</b>	No data available
<b>Lower explosive limit</b>	No data available
<b>Flammability (solid, gas)</b>	No data available

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**10. STABILITY AND REACTIVITY**

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**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 – alphaethylacrolein – formaldehyde – olefinic and paraffinic compounds – fumes – ketones – organic acids – aldehydes – alcohols

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**11. TOXICOLOGICAL INFORMATION**

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**Acute Toxicity**

Distillates (petroleum) Hydrotreated Heavy Naphthenic

LD50 Oral (rat) >5000 mg/kg

LD50 Dermal (rabbit) > 2000 mg/kg

**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**

Distillates (petroleum) Hydrotreated Heavy Naphthenic: Skin sensitization is indicated as non-sensitizing based on data from similar materials.

**Carcinogenicity**

Titanium Dioxide: IARC Overall Evaluation is 2B (Possibly carcinogenic to humans) IARC evaluation guidelines consider the generation of tumors, in 2 different studies within the same animal species, to be adequate criteria for an assessment of sufficient evidence. The conclusions of several epidemiology studies on more than 20000 TiO<sub>2</sub> industry workers in Europe and the USA did not suggest a carcinogenic effect of TiO<sub>2</sub> dust on the human lung. Mortality from other chronic diseases, including other respiratory diseases, was also not associated with exposure to TiO<sub>2</sub> dust. Based upon these studies, titanium dioxide is not expected to cause lung cancer or chronic respiratory diseases in humans at concentrations experienced in the workplace.

**Germ Cell Mutagenicity**

Distillates (petroleum) Hydrotreated Heavy Naphthenic: Non-mutagenic and has negative potential for tumor development based on results from Modified Ames Assay,

**Reproductive Toxicity**

Distillates (petroleum) Hydrotreated Heavy Naphthenic: No data available

**Aspiration Hazard**

Not an aspiration hazard.

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**12. ECOLOGICAL INFORMATION**

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**Ecotoxicity**

No relevant studies identified.

**Mobility in soil**

No relevant studies identified.

**Persistence/Degradability**

No relevant studies identified.

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**12. ECOLOGICAL INFORMATION**

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**Bioaccumulative Potential**

No relevant studies identified.

**Other adverse effects**

No relevant studies identified.

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**13. DISPOSAL CONSIDERATIONS**

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**Disposal Methods**

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 Transportation (IATA)</b>	Consult current IATA Regulations prior to shipping by air.
<b>Environmental Hazards</b>	Not a marine pollutant

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**15. REGULATORY INFORMATION**

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

**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.

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**16. OTHER INFORMATION**

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**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  
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.

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