

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

**Product Name** 322, 331, 332, 336, 337  
**Product Description** Polymer Based 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:** August 21, 2008  
**MSDS Date:** June 1, 2007  
*Safety Data Sheet according to EC directive 2001/58/EC and OSHA's Hazcom Standard (29 CFR 1910.1200)*

**2. HAZARDS IDENTIFICATION**

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

**Routes of Entry**

- Inhalation - Skin contact

**Carcinogenic Status**

Not considered carcinogenic by NTP, IARC, and OSHA.

**Target Organs**

- Skin – Respiratory System

**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**

Prolonged, repeated inhalation of adhesive may cause dizziness, drowsiness and respiratory irritation.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Component Name	CAS#/Codes	Concentration	R Phrases	Classification
Polymers and resins	N.A.	<30%	None	None
Heavy hydrotreated naphthenic distillates (petroleum)	64742-52-5 265-155-0	<3%	R45	T, Carc. Cat 2

**4. FIRST AID MEASURES**

**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.

---

#### 4. FIRST AID MEASURES

---

**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.

---

#### 5. FIRE- FIGHTING MEASURES

---

**Extinguishing Media**

Water spray, carbon dioxide and dry chemical.

**Unusual Fire and Explosion Hazards**

May release hazardous vapors during a fire.

**Protective Equipment for Fire-Fighting**

Wear full protective clothing and self-contained breathing apparatus.

---

#### 6. ACCIDENTAL RELEASE MEASURES

---

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

---

#### 7. HANDLING AND STORAGE

---

Keep away from heat and sources of ignition. Storage area should be: - cool - dry - well ventilated - away from incompatible materials

---

#### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

---

**Occupational Exposure Standards**

Exposure limits are listed below, if they exist.

**Polymers and resins**

None established

**Hydrotreated Heavy Naphthalene Distillate**

None established

**Engineering Control Measures**

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

**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.

---

---

**9. PHYSICAL AND CHEMICAL PROPERTIES**

---

<b>Physical State</b>	Backing composed of aluminum skin with the texture coated with a pressure sensitive adhesive and lined with release paper
<b>Color</b>	Silver tape with a clear amber tint adhesive and white liner
<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>VOC</b>	< 1g/l
<b>Density</b>	No data.
<b>Solubility in Water</b>	Not known
<b>Vapor Density (Air = 1)</b>	Not applicable

---

**10. STABILITY AND REACTIVITY**

---

**Stability**  
Stable under normal conditions.

**Conditions to Avoid**  
- Heat - High temperatures

**Materials to Avoid**  
Strong oxidizing agents – strong alkalis

**Hazardous Polymerization**  
Will not occur.

**Hazardous Decomposition Products**  
oxides of carbon– flammable hydrocarbons

---

**11. TOXICOLOGICAL INFORMATION**

---

**Acute Toxicity**  
Low order of acute toxicity.

**Chronic Toxicity/Carcinogenicity**  
This product is not expected to cause long term adverse health effects.

**Genotoxicity**  
This product is not expected to cause any mutagenic effects.

**Reproductive/Developmental Toxicity**  
This product is not expected to cause adverse reproductive effects.

---

**12. ECOLOGICAL INFORMATION**

---

**Mobility**  
No relevant studies identified.

**Persistence/Degradability**  
No relevant studies identified.

**Bio-accumulation**  
No relevant studies identified.

---

**12. ECOLOGICAL INFORMATION**

---

**Ecotoxicity**

The product may be harmful to aquatic organisms.

---

**13. DISPOSAL CONSIDERATIONS**

---

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.

---

**15. REGULATORY INFORMATION**

---

**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 been not been verified for inclusion on the European Inventory of Existing Commercial Chemical Substances (EINECS).

**DSL (Canadian) Listing**

All ingredients in this product not been have been verified for inclusion on the Domestic Substance List (DSL).

**MA Right To Know Law**

This product contains the following chemicals on the Massachusetts Right to Know Law: none

**PA Right To Know Law**

This product contains the following chemicals on the Pennsylvania Hazardous Substance List: - Heavy hydrotreated naphthenic distillates (petroleum) (64742-52-5) <3% - cyclohexane (110-82-7) >0.01%

**NJ Right To Know Law**

This product contains the following chemicals on the New Jersey Workplace Hazardous Substance List: talc(nonfibrous) (14807-96-6) <0.2%

**California Proposition 65**

This product does not contain any materials which the State of California has found to cause cancer, birth defects or other reproductive harm.

---

**15. REGULATORY INFORMATION**

---

**SARA Title III Sect. 302 (EHS)**

This product does not contain any chemicals subject to SARA Title III Section 302.

**SARA Title III Sect. 304**

This product does not contain any chemicals subject to SARA Title III Section 304.

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

Immediate (acute)

**SARA Title III Sect. 313**

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

---

**16. OTHER INFORMATION**

---

**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

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.

The information and recommendations presented in this MSDS are based on sources believed to be accurate. Berry Plastics Corporation, Tapes and Coatings Division 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.