



MATERIAL SAFETY DATA SHEET

322, 331, 332, 336, 337

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
Address 25 Forge Parkway
Franklin, MA 02038
Phone Number (800) 343-7875 (Monday – Friday 8:00 am to 5:00 pm)
Chemtrec Number Within USA/Canada (800) 424-9300
Outside USA/Canada +1-703-52-3887 (Collect calls accepted)
Revision Date: July 10, 2014
MSDS Date: June 1, 2007
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

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
Severely hydrotreated heavy naphthenic petroleum oil	64742-52-5* 265-155-0	<3%	None	None

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

Severely hydrotreated heavy naphthenic petroleum oil

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

Physical State	Backing composed of aluminum skin with the texture coated with a pressure sensitive adhesive and lined with release paper
Color	Silver tape with a clear amber tint adhesive and white liner
Odor	Slight
pH	Not applicable
Specific Gravity	No data available
Boiling Range/Point (°C/F)	Not applicable
Melting Point (°C/F)	Not applicable
Flash Point (PMCC) (°C/F)	Not known
Explosion Limits (%)	No data available
Vapor Pressure	Not applicable
VOC	< 1g/l
Density	No data.
Solubility in Water	Not known
Vapor Density (Air = 1)	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

No relevant studies identified.

Specific Target Organ Systemic Toxicity (single and repeat)

No relevant studies identified.

Serious Eye damage/Eye Irritation

May cause irritation due to mechanical abrasion.

Skin Corrosion/Irritation

No relevant studies identified.

Respiratory or Skin Sensitization

Severely hydrotreated heavy naphthenic petroleum oil: Non- sensitizing (based on similar product)

Carcinogenicity

Severely hydrotreated heavy naphthenic petroleum oil: Not considered a potential carcinogen based on IP346 DMSO of less than 3.0 wt%.

Germ Cell Mutagenicity

Severely hydrotreated heavy naphthenic petroleum oil: Considered non-mutagenic and has negative potential for tumor development based on results from Modified Ames Assay, with Mutagenic Index of less than 1.0.

11. TOXICOLOGICAL INFORMATION

Toxicity to Reproduction

No relevant studies identified.

12. ECOLOGICAL INFORMATION

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.

13. DISPOSAL CONSIDERATIONS

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

14. TRANSPORT INFORMATION

DOT CFR 172.101 Data	Not Regulated
UN Proper Shipping Name	Not Regulated
UN Class	None.
UN Number	None.
UN Packaging Group	None.
Classification for AIR Transportation (IATA)	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).

15. REGULATORY INFORMATION

California Proposition 65

The following statement is made in order to comply with the California Safe Drinking Water and Toxic Enforcement Act of 1986.

To the best of the manufacturer's knowledge the products manufactured do not contain Proposition 65 Chemicals at levels which would require warning labels as known to the State of California to cause cancer or reproductive toxicity.

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

T: Toxic

S: Safety

LC50: Lethal Concentration 50%

LD50: Lethal Dose 50%

BOD: Biological Oxygen Demand

KoC: Soil Organic Carbon Partition Coefficient

Carcinogenicity Assessment for CAS 64742-52-5 : Based on OSHA 1910.1200 and IARC study requirements, this product does not require labeling. Meets EU requirement of less than 3% (w/w) DMSO extract for total polycyclic aromatic compound (PAC) using IP 346. NTP and OSHA do not list this product as a potential carcinogen.

For further information email: msdstechnical@berryplastics.com

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