

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

Product Name 2253A, 2253B, 2253I
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: March 5, 2008
MSDS Date: March 30, 2006

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 – Reproductive System

Health Effects - Eyes
 Contact may cause irritation due to mechanical abrasion.

Health Effects - Skin
 Prolonged, repeated contact with adhesive may cause irritation and allergic sensitization. Material can be absorbed through the skin and repeated, prolonged contact may cause adverse reproductive effects.

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 adverse reproductive effects.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Component Name	CAS#/Codes	Concentration	R Phrases	Classification
Polymers and resins	N.A.	<40%	None	None
Hexane	110-54-3 203-777-6	0.1- <1%	None @ <2.5%	None @ <2.5%
Toluene	108-88-3 203-625-9	0.1 - <1%	R11, R38, R48/20, R63, R65, R67	F, Xn, Repro Cat. 3
2-ethylhexyl acrylate	103-11-7 203-080-7	<2%	R43	Xi

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.

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.

Resins and Polymers

None established

2-ethylhexyl acrylate

None established

Toluene

ACGIH: TLV 20 ppm (75mg/m³) 8hTWA.

OSHA: PEL 200 ppm 8h TWA , Ceiling (C) 300 ppm, 500ppm 10-min peak per 8-hr shift

Hexane

ACGIH: TLV 50ppm (176mg/m³) 8h TWA. (skin)

OSHA: PEL 500ppm (1800mg/m³) 8h TWA.

Can be absorbed through skin.

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.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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	Unsupported film of adhesive coated on a semi-bleached densified Kraft liner, release coated on both sides.
Color	Semi -bleached
Odor	Slight solvent
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
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

Hazardous Polymerization

Will not occur.

Hazardous Decomposition Products

- oxides of carbon - asphyxiants

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

2- ethylhexyl acrylate: Oral LD50 rat 6500uL/kg. Dermal LD50 rabbit 8480 mg/kg

Chronic Toxicity/Carcinogenicity

This product is not expected to cause long term adverse health effects.

Genotoxicity

2- ethylhexyl acrylate is mutagenic in mammalian test systems.

11. TOXICOLOGICAL INFORMATION

Reproductive/Developmental Toxicity

Toluene: In laboratory studies, birth defects, increased fetal lethality and delayed fetal development have been observed in offspring of female animals exposed during pregnancy. Toluene has been demonstrated to be embryofetotoxic and teratogenic in laboratory animals.

Hexane: In animal studies permanent testicular damage has been observed. However, when hexane was administered simultaneously with an equal amount of toluene this effect was not observed.

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

15. REGULATORY INFORMATION

DSL (Canadian) Listing

All ingredients in this product are listed on the Domestic Substance List (DSL).

MA Right To Know Law

This product contains the following chemicals on the Massachusetts Right to Know Law: Toluene (108-88-3) <1.0% – Isopropyl alcohol (67-63-0) <0.3% – Hexane (110-54-3) <1.0% – 2-ethylhexyl acrylate(103-11-7) < 2%

PA Right To Know Law

This product contains the following chemicals on the Pennsylvania Hazardous Substance List Toluene (108-88-3) <1.0% – Isopropyl alcohol (67-63-0) <0.3% – 2-ethylhexyl acrylate(103-11-7) < 2%

NJ Right To Know Law

This product contains the following chemicals on the New Jersey Workplace Hazardous Substance List: Toluene (108-88-3) <1.0% – Isopropyl alcohol (67-63-0) <0.3% – Hexane (110-54-3) <1.0%

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: Toluene (108-88-3) <1.0% – Ethylbenzene (100-41-4) trace – Benzene (71-43-2) trace

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

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
S: Safety
R11: Highly Flammable
R38: Irritating to skin.
R43: May cause sensitization by skin contact.
R48/20: Harmful: danger of serious damage to health by prolonged exposure through inhalation.
R36: Irritating to eyes.
R63: Possible risk of harm to the unborn child.
R65: Harmful: may cause lung damage if swallowed.

16. **OTHER INFORMATION**

Abbreviations

R67: Vapours may cause drowsiness and dizziness.

F: Highly Flammable

Xn: Harmful

Xi: Irritant

LC50: Lethal Concentration 50%

LD50: Lethal Dose 50%

BOD: Biological Oxygen Demand

KoC: Soil Organic Carbon Partition Coefficient

For further information email: msdstechical@berryplastics.com

Prepared By: EnviroNet LLC.

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