

SAFETY DATA SHEET

Date Prepared: 7/17/2009

Date Revised: 12/08/2009

1 – IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product Name: Easy Flex
Product Code: 421
Manufacturer: Royal Coatings, Inc.
2705 Concord Road
Belle Chasse, LA 70037 USA
Telephone: (504) 392-8811
Fax: (504) 392-2173

Emergency Contact: Chem-Tel, Inc. @ 1-800-255-3924

2 – COMPOSITION / INFORMATION ON INGREDIENTS

This product is to be considered as a material in conformance with EC directives.

<u>Ingredient</u>	<u>CAS No.</u>	<u>Content (% by weight)</u>
Diglycidyl ether of Bisphenol A	25085-99-8	< 60%
Aliphatic glycidyl ether	68609-97-2	< 15%

Remaining components are proprietary

3 – HAZARDS IDENTIFICATION

Main Hazards: May be irritating to eyes, respiratory system and skin. Exposure may produce sensitization (allergic reaction).

4 – FIRST AID MEASURES

Skin Contact: Wash immediately with soap and water. Do not use solvents or thinners.
Eye Contact: IMMEDIATELY flush with plenty of water for 10 minutes. Call a physician.
Ingestion: DO NOT INDUCE VOMITING. Give copious amounts of water. If swallowed, seek medical help.
Inhalation: Remove to fresh air. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration and seek medical attention.

5 – FIRE-FIGHTING MEASURES

Extinguishing Media: Fire will produce dense black smoke, a toxic fume hazard. Water, CO₂, foam, dry chemical. Use water to cool exposed unopened containers.
Protection: Wear self-contained breathing apparatus. Wear full fire-fighting protective clothing to prevent contact.

6 – ACCIDENTAL RELEASE MEASURES

For Spills: Absorb spill with inert material (e.g. dry sand or earth) and dispose of in a chemical waste container. Keep persons not wearing protective equipment should be excluded from the area of discharge.
General: Remove all sources of ignition. Avoid contact. Do not discharge into drains or rivers.

7 – HANDLING AND STORAGE

Precautions: Store in a cool, dry, ventilated area. Keep incompatibles away from storage area. Keep container tightly closed.

8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Respiratory: Use of an organic vapor respirator is recommended.
Skin and Hands: Protective clothing and gloves.
Eyes: Safety glasses and an eye wash in close proximity.

9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Grey colored liquid mixture
Viscosity: Viscous
Flash Point: NA
Density: Approximately 1.24 specific gravity
Solubility in Water: Insoluble

10 – STABILITY AND REACTIVITY

Stability: Stable under normal conditions
Conditions to Avoid: Heat, flame and strong oxidizing agents
Materials to Avoid: Strong acids, strong oxidizers and metallic compounds
Hazardous Decomposition Products: Oxides of carbon

11 – TOXICOLOGICAL INFORMATION

Routes of Exposure: Skin, eyes and ingestion
General: Glycidyl ethers of Bis-Phenol A can cause sensitization to the skin after exposure

12 – ECOLOGICAL INFORMATION

Mobility: Potential for mobility in soil is low
Biodegradaton: Under laboratory conditions, biodegradation is undetectable
Other Effects: Negligible exotoxicity

13 – DISPOSAL CONSIDERATIONS

Waste Code Number: 08 01 12
RCRA Hazard Class: When discarded in its purchased form, this material is not regulated
General: End user should consult all existing regional or national regulations

14 – TRANSPORT INFORMATION

General: Not regulated or hazardous in the meaning of transport regulations

15 – REGULATORY INFORMATION

Hazard Symbols: No significant hazard
Risk Phrases: R52/53: Harmful to aquatic organisms, may cause long term effects in aquatic environments
Safety Phrases: Keep locked up and out of reach of children
Avoid contact with skin and eyes

16 – ADDITIONAL INFORMATION

HMIS Code: 2 1 1

The information on this data sheet represents Royal Coatings, Inc. current data and best opinion as to the proper use and handling of this product under normal conditions. Any use of this product which is not in conformance with this data sheet or which involves using the product in combination with any other product or process is the responsibility of the user.

SAFETY DATA SHEET

Date Prepared: 7/17/2009

Date Revised: 12/08/2009

1 – IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product Name: Epoxy Part B / Curing Agent
Product Code: 222
Manufacturer: Royal Coatings, Inc.
2705 Concord Road
Belle Chasse, LA 70037 USA
Telephone: (504) 392-8811
Fax: (504) 392-2173

Emergency Contact: Chem-Tel, Inc. @ 1-800-255-3924

2 – COMPOSITION / INFORMATION ON INGREDIENTS

Proprietary cycloaliphatic amine

3 – HAZARDS IDENTIFICATION

Main Hazards: May be irritating to eyes, respiratory system and skin. Exposure may produce sensitization (allergic reaction). If absorbed through the skin or ingestion, may cause central nervous system effects.

4 – FIRST AID MEASURES

Skin Contact: Wash immediately with soap and water. Do not use solvents or thinners.

Eye Contact: IMMEDIATELY flush with plenty of water for 10 minutes. Call a physician.

Ingestion: DO NOT INDUCE VOMITING. Give copious amounts of water. If swallowed, seek medical help.

Inhalation: Remove to fresh air. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration and seek medical attention.

5 – FIRE-FIGHTING MEASURES

Extinguishing Media: Fire may generate ammonia gas or nitrogen oxide gases, toxic fume hazards. Water, CO₂, foam, dry chemical. Limestone powder. Use water to cool exposed unopened containers.

Protection: Wear self-contained breathing apparatus. Wear full fire-fighting protective clothing to prevent contact.

6 – ACCIDENTAL RELEASE MEASURES

For Spills: Absorb spill with inert material (e.g. dry sand or earth) and dispose of in a chemical waste container. Keep persons not wearing protective equipment should be excluded from the area of discharge.

General: Remove all sources of ignition. Avoid contact. Do not discharge into drains or rivers.

7 – HANDLING AND STORAGE

Precautions: Store in a cool, dry, ventilated area. Keep incompatibles away from storage area. Keep container tightly closed.

8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Respiratory: Use of an organic vapor respirator is recommended.

Skin and Hands: Protective clothing and gloves.

Eyes: Safety glasses and an eye wash in close proximity.

9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Dark amber colored liquid
Viscosity: Viscous
Odor: Ammoniacal
Flash Point: NA
Density: Approximately 1.06 specific gravity

10 – STABILITY AND REACTIVITY

Stability: Stable under normal conditions
Conditions to Avoid: Heat, flame and strong oxidizing agents
Materials to Avoid: Strong acids, strong oxidizers and metallic compounds
Hazardous Decomposition Products: Oxides of carbon

11 – TOXICOLOGICAL INFORMATION

Routes of Exposure: Skin, eyes and ingestion
General: Can cause sensitization to the skin after exposure

12 – ECOLOGICAL INFORMATION

Mobility: No data available
Biodegradation: Under laboratory conditions, low biodegradation potential

13 – DISPOSAL CONSIDERATIONS

RCRA Hazard Class: When discarded in its purchased form, this material is not regulated
General: End user should consult all existing regional or national regulations

14 – TRANSPORT INFORMATION

General: Not regulated or hazardous in the meaning of transport regulations

15 – REGULATORY INFORMATION

Hazard Symbols: No significant hazard, but classified as a sensitizer by OSHA
Risk Phrases: R52/53: Harmful to aquatic organisms, may cause long term effects in aquatic environments
Safety Phrases: Keep locked up and out of reach of children
Avoid contact with skin and eyes

16 – ADDITIONAL INFORMATION

HMIS Code: 2 1 0

The information on this data sheet represents Royal Coatings, Inc. current data and best opinion as to the proper use and handling of this product under normal conditions. Any use of this product which is not in conformance with this data sheet or which involves using the product in combination with any other product or process is the responsibility of the user.