

SECTION 1: Identification

1.1. Identification

Product form : Mixture
Product name : EP50-OVERLAY FAST Part A

1.2. Recommended use and restrictions on use

No additional information available

1.3. Supplier

Echem
4102 El Rey Road SE
Albuquerque, New Mexico
United States
T (505) 832-3667 - F (505) 217-3721
<https://e-chem.net/>

1.4. Emergency telephone number

Emergency number : 1-800-424-9300
For Chemical Emergency Call Chemtrec 24hr/day 7days/week
Within USA and Canada: 1-800-424-9300
Outside USA and Canada: 703-527-3887
(collect calls accepted)

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS US classification

| | | |
|--|------|---|
| Skin corrosion/irritation Category 2 | H315 | Causes skin irritation |
| Serious eye damage/eye irritation Category 2 | H319 | Causes serious eye irritation |
| Skin sensitization, Category 1 | H317 | May cause an allergic skin reaction |
| Germ cell mutagenicity Category 2 | H341 | Suspected of causing genetic defects |
| Hazardous to the aquatic environment – Acute Hazard Category 2 | H401 | Toxic to aquatic life |
| Hazardous to the aquatic environment – Chronic Hazard Category 2 | H411 | Toxic to aquatic life with long lasting effects |

Full text of H statements : see section 16

2.2. GHS Label elements, including precautionary statements

GHS US labeling

Hazard pictograms (GHS US) :



Signal word (GHS US) :

Warning

Hazard statements (GHS US) :

H315 - Causes skin irritation
H317 - May cause an allergic skin reaction
H319 - Causes serious eye irritation
H341 - Suspected of causing genetic defects
H401 - Toxic to aquatic life
H411 - Toxic to aquatic life with long lasting effects

EP50-OVERLAY FAST Part A

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Precautionary statements (GHS US) : P201 - Obtain special instructions before use.
P202 - Do not handle until all safety precautions have been read and understood.
P261 - Avoid breathing dust/fume/gas/mist/vapors/spray.
P264 - Wash hands, forearms and face thoroughly after handling.
P272 - Contaminated work clothing must not be allowed out of the workplace.
P273 - Avoid release to the environment.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352 - If on skin: Wash with plenty of water.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308+P313 - If exposed or concerned: Get medical advice/attention.
P321 - Specific treatment (see supplemental first aid instruction on this label).
P332+P313 - If skin irritation occurs: Get medical advice/attention.
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.
P337+P313 - If eye irritation persists: Get medical advice/attention.
P362+P364 - Take off contaminated clothing and wash it before reuse.
P363 - Wash contaminated clothing before reuse.
P391 - Collect spillage.
P405 - Store locked up.
P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

2.3. Other hazards which do not result in classification

No additional information available

2.4. Unknown acute toxicity (GHS US)

No additional information available

SECTION 3: Composition/Information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

| Name | Product identifier | % | GHS US classification |
|-------------------------------------|--------------------|--------|---|
| Bisphenol A diglycidyl ether resin | CAS-No.: 1675-54-3 | 70-100 | Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317 Aquatic Acute 2, H401 Aquatic Chronic 2, H411 |
| butanedioldiglycidyl ether | CAS-No.: 2425-79-8 | ≤ 10 | Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation), H332 Acute Tox. 4 (Inhalation:gas), H332 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317 |
| [[[(2-ethylhexyl)oxy]methyl]oxirane | CAS-No.: 2461-15-6 | ≤ 10 | Skin Irrit. 2, H315 Skin Sens. 1A, H317 |

EP50-OVERLAY FAST Part A

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

| Name | Product identifier | % | GHS US classification |
|------------------|--------------------|------|---|
| Reactive Diluent | CAS-No.: 2210-79-9 | ≤ 10 | Skin Irrit. 2, H315 Skin Sens. 1, H317 Muta. 2, H341 Aquatic Chronic 2, H411 |

Full text of hazard classes and H-statements : see section 16

SECTION 4: First-aid measures

4.1. Description of first aid measures

| | |
|---------------------------------------|--|
| First-aid measures general | : IF exposed or concerned: Get medical advice/attention. |
| First-aid measures after inhalation | : Remove person to fresh air and keep comfortable for breathing. |
| First-aid measures after skin contact | : Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention. |
| First-aid measures after eye contact | : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. |
| First-aid measures after ingestion | : Call a poison center/doctor/physician if you feel unwell. |

4.2. Most important symptoms and effects (acute and delayed)

| | |
|-------------------------------------|--|
| Symptoms/effects after skin contact | : Irritation. May cause an allergic skin reaction. |
| Symptoms/effects after eye contact | : Eye irritation. |

4.3. Immediate medical attention and special treatment, if necessary

Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

| | |
|------------------------------|--|
| Suitable extinguishing media | : Water spray. Dry powder. Foam. Carbon dioxide. |
|------------------------------|--|

5.2. Specific hazards arising from the chemical

| | |
|--|--------------------------------|
| Hazardous decomposition products in case of fire | : Toxic fumes may be released. |
|--|--------------------------------|

5.3. Special protective equipment and precautions for fire-fighters

| | |
|--------------------------------|--|
| Protection during firefighting | : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing. |
|--------------------------------|--|

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

| | |
|----------------------|---|
| Emergency procedures | : Ventilate spillage area. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapors/spray. |
|----------------------|---|

6.1.2. For emergency responders

| | |
|----------------------|---|
| Protective equipment | : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection". |
|----------------------|---|

6.2. Environmental precautions

Avoid release to the environment.

EP50-OVERLAY FAST Part A

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

6.3. Methods and material for containment and cleaning up

| | |
|-------------------------|---|
| For containment | : Collect spillage. |
| Methods for cleaning up | : Take up liquid spill into absorbent material. Notify authorities if product enters sewers or public waters. |
| Other information | : Dispose of materials or solid residues at an authorized site. |

6.4. Reference to other sections

For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

| | |
|-------------------------------|---|
| Precautions for safe handling | : Ensure good ventilation of the work station. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid contact with skin and eyes. Wear personal protective equipment. Avoid breathing dust/fume/gas/mist/vapors/spray. |
| Hygiene measures | : Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace. Do not eat, drink or smoke when using this product. Always wash hands after handling the product. |

7.2. Conditions for safe storage, including any incompatibilities

| | |
|--------------------|---|
| Storage conditions | : Store locked up. Store in a well-ventilated place. Keep cool. |
|--------------------|---|

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

EP50-OVERLAY FAST Part A

No additional information available

Bisphenol A diglycidyl ether resin (1675-54-3)

No additional information available

butanedioldiglycidyl ether (2425-79-8)

No additional information available

[[[(2-ethylhexyl)oxy]methyl]oxirane (2461-15-6)

No additional information available

Reactive Diluent (2210-79-9)

No additional information available

8.2. Appropriate engineering controls

| | |
|----------------------------------|--|
| Appropriate engineering controls | : Ensure good ventilation of the work station. |
| Environmental exposure controls | : Avoid release to the environment. |

8.3. Individual protection measures/Personal protective equipment

Hand protection:

Protective gloves

EP50-OVERLAY FAST Part A

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

| |
|--|
| Eye protection: |
| Safety glasses |
| Skin and body protection: |
| Wear suitable protective clothing |
| Respiratory protection: |
| [In case of inadequate ventilation] wear respiratory protection. |

Personal protective equipment symbol(s):



SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|---|--|
| Physical state | : Liquid |
| Color | : Mixture contains one or more component(s) which have the following colour(s): Yellow-brown Yellow Colourless |
| Odor | : There may be no odour warning properties, odour is subjective and inadequate to warn of overexposure. Mixture contains one or more component(s) which have the following odour: Mild odour Odourless |
| Odor threshold | : No data available |
| pH | : No data available |
| Melting point | : Not applicable |
| Freezing point | : No data available |
| Boiling point | : No data available |
| Flash point | : No data available |
| Relative evaporation rate (butyl acetate=1) | : No data available |
| Flammability (solid, gas) | : Not applicable. |
| Vapor pressure | : No data available |
| Relative vapor density at 20°C | : No data available |
| Relative density | : No data available |
| Solubility | : No data available |
| Partition coefficient n-octanol/water (Log Pow) | : No data available |
| Auto-ignition temperature | : No data available |
| Decomposition temperature | : No data available |
| Viscosity, kinematic | : No data available |
| Viscosity, dynamic | : No data available |
| Explosion limits | : No data available |
| Explosive properties | : No data available |
| Oxidizing properties | : No data available |

9.2. Other information

No additional information available

EP50-OVERLAY FAST Part A

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified
Acute toxicity (dermal) : Not classified
Acute toxicity (inhalation) : Not classified

| Bisphenol A diglycidyl ether resin (1675-54-3) | |
|---|---|
| LD50 oral rat | > 2000 mg/kg body weight (OECD 420: Acute Oral toxicity – Acute Toxic Class Method, Rat, Female, Experimental value, Oral, 14 day(s)) |
| LD50 oral | 22736 mg/kg |
| LD50 dermal rat | > 2000 mg/kg body weight (OECD 402: Acute Dermal Toxicity, Rat, Male / female, Experimental value, Dermal, 14 day(s)) |
| LD50 dermal | 23200 mg/kg |
| ATE US (oral) | 22736 mg/kg body weight |
| ATE US (dermal) | 23200 mg/kg body weight |

| butanedioldiglycidyl ether (2425-79-8) | |
|---|---|
| LD50 oral rat | 1134 mg/kg Source: National Library of Medicine |
| LD50 oral | 1120 mg/kg |
| LD50 dermal rat | > 2150 mg/kg body weight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity) |
| LD50 dermal rabbit | 1130 mg/kg Source: National Library of Medicine |
| LD50 dermal | 2150 mg/kg |
| ATE US (oral) | 1120 mg/kg body weight |
| ATE US (dermal) | 1130 mg/kg body weight |
| ATE US (gases) | 4500 ppmV/4h |

EP50-OVERLAY FAST Part A

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

| butanedioldiglycidyl ether (2425-79-8) | |
|--|---|
| ATE US (vapors) | 11 mg/l/4h |
| ATE US (dust, mist) | 1.5 mg/l/4h |
| [[[(2-ethylhexyl)oxy]methyl]oxirane (2461-15-6) | |
| LD50 oral rat | > 5000 mg/kg body weight (OECD 401: Acute Oral Toxicity, Rat, Male / female, Experimental value, Oral, 14 day(s)) |
| LD50 dermal rat | > 2000 mg/kg body weight (OECD 402: Acute Dermal Toxicity, 25 h, Rat, Male / female, Experimental value, Dermal, 14 day(s)) |
| Reactive Diluent (2210-79-9) | |
| LD50 oral rat | > 5000 mg/kg (Rat, Oral) |
| LD50 oral | 5000 mg/kg |
| LD50 dermal rat | > 2000 mg/kg (Rat, Dermal) |
| LD50 dermal | 2500 mg/kg |
| LC50 Inhalation - Rat | 6.09 mg/l (4 h, Rat, Inhalation) |
| ATE US (oral) | 5000 mg/kg body weight |
| ATE US (dermal) | 2500 mg/kg body weight |
| ATE US (vapors) | 6.09 mg/l/4h |
| ATE US (dust, mist) | 6.09 mg/l/4h |
| Skin corrosion/irritation | : Causes skin irritation. |
| Bisphenol A diglycidyl ether resin (1675-54-3) | |
| pH | No data available in the literature |
| butanedioldiglycidyl ether (2425-79-8) | |
| pH | 7 (100 %) |
| [[[(2-ethylhexyl)oxy]methyl]oxirane (2461-15-6) | |
| pH | No data available in the literature |
| Serious eye damage/irritation | : Causes serious eye irritation. |
| Bisphenol A diglycidyl ether resin (1675-54-3) | |
| pH | No data available in the literature |
| butanedioldiglycidyl ether (2425-79-8) | |
| pH | 7 (100 %) |
| [[[(2-ethylhexyl)oxy]methyl]oxirane (2461-15-6) | |
| pH | No data available in the literature |
| Respiratory or skin sensitization | : May cause an allergic skin reaction. |
| Germ cell mutagenicity | : Suspected of causing genetic defects. |
| Carcinogenicity | : Not classified |
| Bisphenol A diglycidyl ether resin (1675-54-3) | |
| IARC group | 3 - Not classifiable |
| Reproductive toxicity | : Not classified |
| STOT-single exposure | : Not classified |
| STOT-repeated exposure | : Not classified |

EP50-OVERLAY FAST Part A

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Aspiration hazard : Not classified
Viscosity, kinematic : No data available

| Bisphenol A diglycidyl ether resin (1675-54-3) | |
|--|--|
| Viscosity, kinematic | No data available in the literature |
| butanedioldiglycidyl ether (2425-79-8) | |
| Viscosity, kinematic | 15.2 mm ² /s Temp.: '20°C' Parameter: 'kinematic viscosity (in mm ² /s)' |
| [[[(2-ethylhexyl)oxy]methyl]oxirane (2461-15-6) | |
| Viscosity, kinematic | No data available in the literature |
| Reactive Diluent (2210-79-9) | |
| Viscosity, kinematic | > 4.634 mm ² /s |

Symptoms/effects after skin contact : Irritation. May cause an allergic skin reaction.
Symptoms/effects after eye contact : Eye irritation.

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : Toxic to aquatic life. Toxic to aquatic life with long lasting effects.

| Bisphenol A diglycidyl ether resin (1675-54-3) | |
|--|--|
| EC50 - Crustacea [1] | 1.7 mg/l |
| butanedioldiglycidyl ether (2425-79-8) | |
| LC50 - Fish [1] | 13 mg/l |
| EC50 - Crustacea [1] | 22 mg/l Source: National Institute of Technology and Evaluation |
| EC50 72h - Algae [1] | > 93 mg/l Source: National Institute of Technology and Evaluation |
| NOEC chronic algae | 29 mg/l |
| [[[(2-ethylhexyl)oxy]methyl]oxirane (2461-15-6) | |
| LC50 - Fish [1] | > 5000 mg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, Oncorhynchus mykiss, Static system, Fresh water, Read-across, Nominal concentration) |
| Reactive Diluent (2210-79-9) | |
| LC50 - Fish [1] | 1 – 10 mg/l (Pisces) |
| EC50 - Crustacea [1] | 1 – 10 mg/l (Invertebrata) |
| EC50 72h - Algae [1] | ≈ 5.1 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum) |

12.2. Persistence and degradability

| Bisphenol A diglycidyl ether resin (1675-54-3) | |
|---|-------------------------------------|
| Not rapidly degradable | |
| Persistence and degradability | Not readily biodegradable in water. |
| butanedioldiglycidyl ether (2425-79-8) | |
| Not rapidly degradable | |
| Persistence and degradability | Not readily biodegradable in water. |

EP50-OVERLAY FAST Part A

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

| [[2-ethylhexyl]oxy]methyl]oxirane (2461-15-6) | |
|---|-------------------------------------|
| Persistence and degradability | Not readily biodegradable in water. |

| Reactive Diluent (2210-79-9) | |
|-------------------------------|--|
| Not rapidly degradable | |
| Persistence and degradability | Biodegradability in soil: no data available. Not readily biodegradable in water. |

12.3. Bioaccumulative potential

| Bisphenol A diglycidyl ether resin (1675-54-3) | |
|---|---|
| BCF - Other aquatic organisms [1] | 31 (QSAR, Fresh weight) |
| Partition coefficient n-octanol/water (Log Pow) | ≥ 2.918 (Experimental value, EU Method A.8: Partition Coefficient, 25 °C) |
| Bioaccumulative potential | Low potential for bioaccumulation (Log Kow < 4). |

| butanedioldiglycidyl ether (2425-79-8) | |
|---|----------------------|
| Partition coefficient n-octanol/water (Log Pow) | -0.15 |
| Bioaccumulative potential | Not bioaccumulative. |

| [[2-ethylhexyl]oxy]methyl]oxirane (2461-15-6) | |
|---|---|
| Partition coefficient n-octanol/water (Log Pow) | 3.83 (Experimental value, EU Method A.8: Partition Coefficient) |
| Bioaccumulative potential | Low potential for bioaccumulation (Log Kow < 4). |

| Reactive Diluent (2210-79-9) | |
|---|--|
| Partition coefficient n-octanol/water (Log Pow) | 2.16 (Estimated value) |
| Bioaccumulative potential | Low potential for bioaccumulation (Log Kow < 4). |

12.4. Mobility in soil

| Bisphenol A diglycidyl ether resin (1675-54-3) | |
|--|--|
| Surface tension | 58.7 – 58.9 mN/m (20 °C, EU Method A.5: Surface tension) |
| Organic Carbon Normalized Adsorption Coefficient (Log Koc) | 2.65 (log Koc, SRC PCKOCWIN v2.0, QSAR) |
| Ecology - soil | Low potential for adsorption in soil. |

| butanedioldiglycidyl ether (2425-79-8) | |
|--|---|
| Mobility in soil | 0.48 Source: Quantitative Structure Activity Relation |

| [[2-ethylhexyl]oxy]methyl]oxirane (2461-15-6) | |
|--|---|
| Organic Carbon Normalized Adsorption Coefficient (Log Koc) | > 5.63 (log Koc, OECD 121: Estimation of the Adsorption Coefficient (Koc) on Soil and on Sewage Sludge using High Performance Liquid Chromatography (HPLC), Read-across, GLP) |
| Ecology - soil | Adsorbs into the soil. |

12.5. Other adverse effects

No additional information available

EP50-OVERLAY FAST Part A

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations




SECTION 13: Disposal considerations

13.1. Disposal methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

SECTION 14: Transport information

In accordance with DOT / TDG / IMDG / IATA

| DOT | TDG | IMDG | IATA |
|---|--|--|--|
| 14.1. UN number | | | |
| Not applicable | UN3082 | 3082 | 3082 |
| 14.2. Proper Shipping Name | | | |
| Not applicable | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Bisphenol A diglycidyl ether resin) | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Bisphenol A diglycidyl ether resin) | Environmentally hazardous substance, liquid, n.o.s. (Bisphenol A diglycidyl ether resin) |
| 14.3. Transport hazard class(es) | | | |
| Not applicable | 9 | 9 | 9 |
| |  |  |  |
| 14.4. Packing group | | | |
| Not applicable | III | III | III |
| 14.5. Environmental hazards | | | |
| Not applicable | Dangerous for the environment: Yes | Dangerous for the environment: Yes Marine pollutant: Yes | Dangerous for the environment: Yes |
| No supplementary information available | | | |

14.6. Special precautions for user

DOT

No data available

TDG

UN-No. (TDG) : UN3082

EP50-OVERLAY FAST Part A

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

| | |
|--|---|
| TDG Special Provisions | : 16 - (1) The technical name of at least one of the most dangerous substances that predominantly contributes to the hazard or hazards posed by the dangerous goods must be shown, in parentheses, on the shipping document following the shipping name in accordance with clause 3.5(1)(c)(ii)(A) of Part 3 (Documentation). The technical name must also be shown, in parentheses, on a small means of containment or on a tag following the shipping name in accordance with subsections 4.11(2) and (3) of Part 4 (Dangerous Goods Safety Marks). (2) Despite subsection (1), the technical name for the following dangerous goods is not required to be shown on a shipping document or on a small means of containment when Canadian law for domestic transport or an international convention for international transport prohibits the disclosure of the technical name: (a) UN1544, ALKALOID SALTS, SOLID, N.O.S. or ALKALOIDS, SOLID, N.O.S; (b) UN1851, MEDICINE, LIQUID, TOXIC, N.O.S; (c) UN3140, ALKALOID SALTS, LIQUID, N.O.S. or ALKALOIDS, LIQUID, N.O.S; (d) UN3248, MEDICINE, LIQUID, FLAMMABLE, TOXIC, N.O.S; or (e) UN3249, MEDICINE, SOLID, TOXIC, N.O.S. (3) Despite subsection (1), the technical name for the following dangerous goods is not required to be shown on a small means of containment: (a) UN2814, INFECTIOUS SUBSTANCE, AFFECTING HUMANS; or (b) UN2900, INFECTIOUS SUBSTANCE, AFFECTING ANIMALS,99 - (1) Mixtures of solids that are not dangerous goods and liquids or solids that are UN3077, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S, or UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S, may be handled, offered for transport or transported as UN3077 if there is no visible liquid when the dangerous goods are loaded into a means containment and during transport. (2) These Regulations, except for Part 1 (Coming into Force, Repeal, Interpretation, General Provisions and Special Cases) and Part 2 (Classification), do not apply to the handling, offering for transport or transporting of less than 450 kg of UN3077, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S, or less than 450 L of UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S, on a road vehicle or a railway vehicle. The dangerous goods must be contained in one or more small means of containment designed, constructed, filled, closed, secured and maintained so that under normal conditions of transport, including handling, there will be no accidental release of the dangerous goods that could endanger public safety. |
| Explosive Limit and Limited Quantity Index | : 5 L |
| Excepted quantities (TDG) | : E1 |
| IMDG | |
| Special provision (IMDG) | : 274, 335, 969 |
| Limited quantities (IMDG) | : 5 L |
| Excepted quantities (IMDG) | : E1 |
| Packing instructions (IMDG) | : LP01, P001 |
| Packing provisions (IMDG) | : PP1 |
| IBC packing instructions (IMDG) | : IBC03 |
| Tank instructions (IMDG) | : T4 |
| Tank special provisions (IMDG) | : TP1, TP29 |
| EmS-No. (Fire) | : F-A - FIRE SCHEDULE Alfa - GENERAL FIRE SCHEDULE |
| EmS-No. (Spillage) | : S-F - SPILLAGE SCHEDULE Foxtrot - WATER-SOLUBLE MARINE POLLUTANTS |
| Stowage category (IMDG) | : A |
| IATA | |
| PCA Excepted quantities (IATA) | : E1 |
| PCA Limited quantities (IATA) | : Y964 |
| PCA limited quantity max net quantity (IATA) | : 30kgG |
| PCA packing instructions (IATA) | : 964 |
| PCA max net quantity (IATA) | : 450L |
| CAO packing instructions (IATA) | : 964 |
| CAO max net quantity (IATA) | : 450L |
| Special provision (IATA) | : A97, A158, A197, A215 |

EP50-OVERLAY FAST Part A

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

ERG code (IATA) : 9L

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15: Regulatory information

15.1. US Federal regulations

All components of this product are present and listed as Active on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory, except for:

| | | |
|------------------------------------|-------------------|-------|
| [[[2-ethylhexyl]oxy]methyl]oxirane | CAS-No. 2461-15-6 | ≤ 10% |
|------------------------------------|-------------------|-------|

15.2. International regulations

CANADA

Bisphenol A diglycidyl ether resin (1675-54-3)

Listed on the Canadian DSL (Domestic Substances List)

butanedioldiglycidyl ether (2425-79-8)

Listed on the Canadian DSL (Domestic Substances List)

Reactive Diluent (2210-79-9)

Listed on the Canadian DSL (Domestic Substances List)

EU-Regulations

No additional information available

National regulations

No additional information available

15.3. US State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

SECTION 16: Other information

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

| Full text of H-phrases | |
|------------------------|--------------------------------------|
| H302 | Harmful if swallowed |
| H312 | Harmful in contact with skin |
| H315 | Causes skin irritation |
| H317 | May cause an allergic skin reaction |
| H319 | Causes serious eye irritation |
| H332 | Harmful if inhaled |
| H341 | Suspected of causing genetic defects |
| H401 | Toxic to aquatic life |

EP50-OVERLAY FAST Part A

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

| Full text of H-phrases | |
|------------------------|---|
| H411 | Toxic to aquatic life with long lasting effects |

Safety Data Sheet (SDS), USA

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.