Safety Data Sheet
acc. to OSHA HCS

Page 1/7

Printing date 10/13/2015
Reviewed on 10/13/2015

1 Identification

- Product identifier
- Trade name: EP29LPSPA-1 Black (Part-A)
- Article number: Epoxy resin blend
- Relevant identified uses of the substance or mixture and uses advised against
  Recommended use - Adhesives, Sealants, Coatings
- Details of the supplier of the safety data sheet
- Manufacturer/Supplier:
  Master Bond Inc.
  154 Hobart Street
  USA-Hackensack, NJ 07601
  Phone: 201-343-8983
- Information department:
  Product safety department
  Emergency phone number: (CHEMTREC)
  (North America): 800-424-9300
  (International): 703-527-3887

2 Hazard(s) identification

- Classification of the substance or mixture
  Skin Irrit. 2 H315 Causes skin irritation.
  Eye Irrit. 2A H319 Causes serious eye irritation.
  Skin Sens. 1 H317 May cause an allergic skin reaction.
  STOT SE 3 H335 May cause respiratory irritation.
- Label elements
  GHS label elements The product is classified and labeled according to the Globally Harmonized System (GHS).
- Hazard pictograms

GHS07

- Signal word Warning
- Hazard statements
  Causes skin irritation.
  Causes serious eye irritation.
  May cause an allergic skin reaction.
  May cause respiratory irritation.
- Precautionary statements
  Avoid breathing dust/fume/gas/mist/vapors/spray
  Wear protective gloves / eye protection / face protection.
  Wash thoroughly after handling.
  Use only outdoors or in a well-ventilated area.
  If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.
  Continue rinsing.
  If swallowed: Call a poison center/doctor if you feel unwell.
  IF INHALED: Remove person to fresh air and keep comfortable for breathing.
  If skin irritation or rash occurs: Get medical advice/attention.
  If eye irritation persists: Get medical advice/attention.
  If on skin: Wash with plenty of soap and water.

(Contd. on page 2)
Trade name: EP29LPSPAO-1 Black (Part-A)

Take off contaminated clothing and wash it before reuse.
Store in a closed container.
Classification system:
- NFPA ratings (scale 0 - 4)
  2
  Health = 2
  1
  Fire = 1
  0
  Reactivity = 0

- HMIS-ratings (scale 0 - 4)

3 Composition/information on ingredients

- Chemical characterization: Mixtures
- Description: Mixture of the substances listed below with nonhazardous additions.

Hazardous components:
- Epoxy resin (CAS no. 25068-38-6) 25-50%
- Aluminium oxide (CAS no. 1344-28-1) 25-50%
- Black pigment mixture (CAS no. 25068-38-6, 1333-86-4, 68609-97-2) < 2.5%

Main Components:
- Epoxy resin (CAS no. 25068-38-6) 25-50%
- Aluminium oxide (CAS no. 1344-28-1) 25-50%
- Black pigment mixture (CAS no. 25068-38-6, 1333-86-4, 68609-97-2) < 2.5%

4 First-aid measures

- Description of first aid measures
  - After inhalation:
    Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.
    Seek medical treatment.
  - After skin contact:
    Immediately wash with water and soap and rinse thoroughly.
    Seek medical treatment.
  - After eye contact:
    Rinse opened eye for several minutes under running water. Then consult a doctor.
    Seek medical treatment.
  - After swallowing:
    Do not induce vomiting; immediately call for medical help.
    Seek medical treatment.

5 Fire-fighting measures

- Extinguishing media
- Suitable extinguishing agents: Use fire fighting measures that suit the environment.
Trade name: EP29LPSPAO-1 Black (Part-A)

- Advice for firefighters
- Protective equipment:
  Wear personal protective equipments.
  Mouth respiratory protective device.

6 Accidental release measures

- Personal precautions, protective equipment and emergency procedures: Wear protective equipment.
- Environmental precautions: Do not allow product to reach sewage system or any water course.
- Methods and material for containment and cleaning up:
  Dispose contaminated material as waste according to item 13.
  Ensure adequate ventilation.

7 Handling and storage

- Handling:
  Precautions for safe handling: Ensure good ventilation/exhaustion at the workplace.
  Information about protection against explosions and fires: No special measures required.
- Conditions for safe storage, including any incompatibilities
- Storage:
  Requirements to be met by storerooms and receptacles: No information available.
  Information about storage in one common storage facility: Not required.
  Further information about storage conditions: Keep receptacle tightly sealed.

8 Exposure controls/personal protection

- Additional information about design of technical systems: No further data; see item 7.
- Control parameters
  Components with limit values that require monitoring at the workplace:
  The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- Additional information: The lists that were valid during the creation were used as basis.
- Exposure controls
- Personal protective equipment:
  General protective and hygienic measures:
  Keep away from foodstuffs, beverages and feed.
  Immediately remove all soiled and contaminated clothing.
  Wash hands before breaks and at the end of work.
  Avoid contact with the eyes and skin.
- Breathing equipment: Use suitable respiratory protective device in case of insufficient ventilation.
- Protection of hands:
  Protective gloves

- Material of gloves: Chemical resistant gloves.
- Penetration time of glove material
  The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
Trade name: EP29LPSAO-1 Black (Part-A)

- **Eye protection:**
  
  Safety glasses recommended.

### 9 Physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Information on basic physical and chemical properties</td>
<td></td>
</tr>
<tr>
<td>General Information</td>
<td></td>
</tr>
<tr>
<td>Appearance:</td>
<td></td>
</tr>
<tr>
<td>Form:</td>
<td>Thixotropic</td>
</tr>
<tr>
<td>Color:</td>
<td>Black</td>
</tr>
<tr>
<td>Odor:</td>
<td>Slight</td>
</tr>
<tr>
<td>Odour threshold:</td>
<td>Not available</td>
</tr>
<tr>
<td>pH-value:</td>
<td>Not available</td>
</tr>
<tr>
<td>Change in condition:</td>
<td></td>
</tr>
<tr>
<td>Melting point/Melting range:</td>
<td>Not available</td>
</tr>
<tr>
<td>Boiling point/Boiling range:</td>
<td>Not available</td>
</tr>
<tr>
<td>Flash point:</td>
<td>Not available</td>
</tr>
<tr>
<td>Flammability (solid, gaseous):</td>
<td>Not available</td>
</tr>
<tr>
<td>Ignition temperature:</td>
<td>Not available</td>
</tr>
<tr>
<td>Decomposition temperature:</td>
<td>Not available</td>
</tr>
<tr>
<td>Auto igniting:</td>
<td>Not available</td>
</tr>
<tr>
<td>Danger of explosion:</td>
<td>Not available</td>
</tr>
<tr>
<td>Explosion limits:</td>
<td></td>
</tr>
<tr>
<td>Lower:</td>
<td>Not available</td>
</tr>
<tr>
<td>Upper:</td>
<td>Not available</td>
</tr>
<tr>
<td>Vapor pressure:</td>
<td>Not available</td>
</tr>
<tr>
<td>Density:</td>
<td></td>
</tr>
<tr>
<td>Relative density at 20 °C (68 °F)</td>
<td>1.79 g/cm³</td>
</tr>
<tr>
<td>Vapour density:</td>
<td>Not available</td>
</tr>
<tr>
<td>Evaporation rate:</td>
<td>Not available</td>
</tr>
<tr>
<td>Solubility In / Miscibility with Water:</td>
<td>Insoluble.</td>
</tr>
<tr>
<td>Partition coefficient (n-octanol/water):</td>
<td>Not available</td>
</tr>
<tr>
<td>Viscosity:</td>
<td></td>
</tr>
<tr>
<td>Dynamic:</td>
<td>Not available</td>
</tr>
<tr>
<td>Kinematic:</td>
<td>Not available</td>
</tr>
</tbody>
</table>

### 10 Stability and reactivity

- Conditions to avoid: No further relevant information available.
- Incompatible materials: No further relevant information available.
11 Toxicological information

- Information on toxicological effects
  - Acute toxicity:

<table>
<thead>
<tr>
<th>Hazardous decomposition products: Carbon monoxide</th>
</tr>
</thead>
</table>

- LD/LC50 values that are relevant for classification:

<table>
<thead>
<tr>
<th>Route</th>
<th>LD50</th>
<th>LC50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oral</td>
<td>11400 mg/kg (rat)</td>
<td></td>
</tr>
<tr>
<td>Dermal</td>
<td>2000 mg/kg (rat)</td>
<td></td>
</tr>
</tbody>
</table>

- Primary irritant effect:
  - on the skin: May cause skin irritation.
  - on the eye: Can cause eye irritation.
  - Sensitization: May cause allergic skin reaction.

- Additional toxicological information:
  The product shows the following dangers according to internally approved calculation methods for preparations: Harmful

- Carcinogenic categories

  - IARC (International Agency for Research on Cancer)
    1333-86-4 Carbon black

  - NTP (National Toxicology Program)
    None of the ingredients is listed.

  - OSHA-Ca (Occupational Safety & Health Administration)
    None of the ingredients is listed.

12 Ecological information

- Additional ecological information:
  - General notes:
    Water hazard class 1 (Self-assessment): slightly hazardous for water
    Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
    Other adverse effects: No further relevant information available.

13 Disposal considerations

- Waste treatment methods
  - Recommendation:
    Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

- Uncleaned packagings
  - Recommendation: Disposal must be made according to official regulations.

14 Transport information

- UN-Number
- DOT, ADR, IMDG, IATA: Not regulated

(Contd. on page 6)
15 Regulatory information

- Safety, health and environmental regulations/legislation specific for the substance or mixture
  - "Sara"
  - Section 355 (extremely hazardous substances):
    None of the ingredients is listed.
  - Section 313 (Specific toxic chemical listings):
    None of the ingredients is listed.
  - TSCA (Toxic Substances Control Act):
    All ingredients are listed.
  - Proposition 65
    - Chemicals known to cause cancer:
      1333-86-4 Carbon black
    - Chemicals known to cause reproductive toxicity for females:
      None of the ingredients is listed.
    - Chemicals known to cause reproductive toxicity for males:
      None of the ingredients is listed.
    - Chemicals known to cause developmental toxicity:
      None of the ingredients is listed.
  - Carcinogenic categories
    - EPA (Environmental Protection Agency)
      None of the ingredients is listed.
    - TLV (Threshold Limit Value established by ACGIH)
      None of the ingredients is listed.
    - NIOSH-Ca (National Institute for Occupational Safety and Health)
      None of the ingredients is listed.
  - GHS label elements The product is classified and labeled according to the Globally Harmonized System (GHS).
  - Hazard pictograms

GHS07

- Signal word Warning

(Contd. on page 7)
16 Other Information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- Department Issuing SDS: Product safety department
- Contact: Master Bond Inc.
- Date of preparation / last revision: 10/13/2015 / -
- Abbreviations and acronyms:
  ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
  IMDG: International Maritime Code for Dangerous Goods
  DOT: US Department of Trasportation
  IATA: International Air Transport Association
  ACGIH: American Conference of Governmental Industrial Hygienists
  EINECS: European Inventory of Existing Commercial Chemical Substances
  ELINCS: European List of Notified Chemical Substances
  CAS: Chemical Abstracts Service (division of the American Chemical Society)
  NFPA: National Fire Protection Association (USA)
  HMIS: Hazardous Materials Identification System (USA)
  Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2
  Eye Irrit. 2A: Serious eye damage/eye irritation, Hazard Category 2A
  Skin Sens. 1: Sensitisation - Skin, Hazard Category 1
  STOT SE 3: Specific target organ toxicity - Single exposure, Hazard Category 3
1 Identification

- Product identifier
- Trade name: EP29LPSPA-1 (Part-B)
- Article number: Curing agent blend
- Relevant identified uses of the substance or mixture and uses advised against
  Recommended use - Adhesives, Sealants, Coatings
- Details of the supplier of the safety data sheet
- Manufacturer/Supplier:
  Master Bond Inc.
  154 Hobart Street
  USA-Hackensack, NJ 07601
  Phone: 201-343-8983
- Information department:
  Product safety department
  Emergency phone number: (CHEMTREC)
  (North America): 800-424-9300
  (International): 703-527-3887

2 Hazard(s) identification

- Classification of the substance or mixture
  Acute Tox. 4  H302 Harmful if swallowed.
  Acute Tox. 4  H312 Harmful in contact with skin.
  Acute Tox. 4  H332 Harmful if inhaled.
  Skin Corr. 1C  H314 Causes severe skin burns and eye damage.
  Skin Sens. 1  H317 May cause an allergic skin reaction.
  STOT SE 3  H335 May cause respiratory irritation.
  Aquatic Chronic 3  H412 Harmful to aquatic life with long lasting effects.

- Label elements
- GHS label elements The product is classified and labeled according to the Globally Harmonized System (GHS).
- Hazard pictograms

  GHS05  GHS07

- Signal word Danger
- Hazard statements
  Harmful if swallowed, in contact with skin or if inhaled.
  Causes severe skin burns and eye damage.
  May cause an allergic skin reaction.
  May cause respiratory irritation.
  Harmful to aquatic life with long lasting effects.
- Precautionary statements
  In case of inadequate ventilation wear respiratory protection.
  Avoid breathing mist/vapours/spray.
  Wear protective gloves / eye protection / face protection.
  Wash thoroughly after handling.
  Use only outdoors or in a well-ventilated area.
Trade name: EP29LPSPAO-1 (Part-B)

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.
Continue rinsing.
If swallowed: Call a poison center/doctor if you feel unwell.
IF INHALED: Remove person to fresh air and keep comfortable for breathing.
If skin irritation or rash occurs: Get medical advice/attention.
If eye irritation persists: Get medical advice/attention.
If on skin: Wash with plenty of soap and water.
Take off contaminated clothing and wash it before reuse.
Store locked up.
Store in a well-ventilated place. Keep container tightly closed.

Classification system:
- NFPA ratings (scale 0 - 4)
  - Health = 3
  - Fire = 1
  - Reactivity = 0
- HMIS-ratings (scale 0 - 4)
  - Health = 3
  - Fire = 1
  - Reactivity = 0

3 Composition/Information on ingredients

- Chemical characterization: Mixtures
- Description: Mixture of the substances listed below with nonhazardous additions.

<table>
<thead>
<tr>
<th>Hazardous components:</th>
<th>25-50%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aluminium oxide (CAS no. 1344-28-1)</td>
<td></td>
</tr>
<tr>
<td>Amine curing agent (CAS no. 9046-10-0, 25322-69-4)</td>
<td></td>
</tr>
<tr>
<td>Amine accelerator (CAS no. 1477-55-0)</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Main Components:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Aluminium oxide (CAS no. 1344-28-1)</td>
<td>25-50%</td>
</tr>
<tr>
<td>Amine curing agent (CAS no. 9046-10-0, 25322-69-4)</td>
<td></td>
</tr>
<tr>
<td>Amine accelerator (CAS no. 1477-55-0)</td>
<td>10-25%</td>
</tr>
<tr>
<td>Silicon dioxide, chemically prepared (CAS no. 112945-52-5)</td>
<td>1-10%</td>
</tr>
</tbody>
</table>

4 First-aid measures

- Description of first aid measures
- After inhalation:
  Seek medical treatment.
  Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.
- After skin contact:
  Seek medical treatment.
  Immediately wash with water and soap and rinse thoroughly.
- After eye contact:
  Seek medical treatment.
  Rinse opened eye for several minutes under running water. Then consult a doctor.
5 Fire-fighting measures

- Extinguishing media
  - Suitable extinguishing agents: Use fire fighting measures that suit the environment.
- Advice for firefighters
- Protective equipment:
  - Wear personal protective equipment.
  - Mouth respiratory protective device.

6 Accidental release measures

- Personal precautions, protective equipment and emergency procedures
  - Wear protective equipment. Keep unprotected persons away.
- Environmental precautions: Do not allow product to reach sewage system or any water course.
- Methods and material for containment and cleaning up:
  - Use neutralizing agent.
  - Dispose contaminated material as waste according to item 12.
  - Ensure adequate ventilation.

7 Handling and storage

- Handling:
  - Precautions for safe handling: Ensure good ventilation/exhaustion at the workplace.
  - Information about protection against explosions and fires: No special measures required.
- Conditions for safe storage, including any incompatibilities
- Storage:
  - Requirements to be met by storerooms and receptacles: No information available.
  - Information about storage in one common storage facility: Not required.
  - Further information about storage conditions: Keep receptacle tightly sealed.

8 Exposure controls/personal protection

- Additional information about design of technical systems: No further data; see item 7.
- Control parameters
  - Components with limit values that require monitoring at the workplace:
    - The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
  - Additional information: The lists that were valid during the creation were used as basis.
- Exposure controls
  - Personal protective equipment:
  - General protective and hygienic measures:
    - Keep away from foodstuffs, beverages and feed.
    - Immediately remove all soiled and contaminated clothing.
Trade name: EP29LPSPAO-1 (Part-B)

Wash hands before breaks and at the end of work.
Do not inhale gases / fumes / aerosols.
Avoid contact with the eyes and skin.
- Breathing equipment: Use suitable respiratory protective device in case of insufficient ventilation.
- Protection of hands:

Protective gloves

- Material of gloves Chemical resistant gloves.
- Penetration time of glove material
  The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- Eye protection:

Safety glasses recommended.

<table>
<thead>
<tr>
<th>Physical and chemical properties</th>
</tr>
</thead>
<tbody>
<tr>
<td>Information on basic physical and chemical properties</td>
</tr>
<tr>
<td>General Information</td>
</tr>
<tr>
<td>Appearance:</td>
</tr>
<tr>
<td>Form: Flowable</td>
</tr>
<tr>
<td>Color: Off white</td>
</tr>
<tr>
<td>Odor: Ammoniacal</td>
</tr>
<tr>
<td>Odour threshold: Not available</td>
</tr>
<tr>
<td>pH-value: Not available</td>
</tr>
<tr>
<td>Change in condition</td>
</tr>
<tr>
<td>Melting point/Melting range: Not available</td>
</tr>
<tr>
<td>Boiling point/Boiling range: Not available</td>
</tr>
<tr>
<td>Flash point: Not available</td>
</tr>
<tr>
<td>Flammability (solid, gaseous): Not available</td>
</tr>
<tr>
<td>Ignition temperature: Not available</td>
</tr>
<tr>
<td>Decomposition temperature: Not available</td>
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<tr>
<td>Auto igniting: Not available</td>
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<tr>
<td>Danger of explosion: Not available</td>
</tr>
<tr>
<td>Explosion limits:</td>
</tr>
<tr>
<td>Lower: Not available</td>
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<tr>
<td>Upper: Not available</td>
</tr>
<tr>
<td>Vapor pressure: Not available</td>
</tr>
<tr>
<td>Density:</td>
</tr>
<tr>
<td>Relative density at 20 °C (68 °F) 1.75 g/cm3</td>
</tr>
<tr>
<td>Vapour density Not available</td>
</tr>
</tbody>
</table>

(Contd. of page 3)

9 Physical and chemical properties

(Contd. on page 5)
10 Stability and reactivity

- Conditions to avoid: No further relevant information available.
- Incompatible materials: No further relevant information available.
- Hazardous decomposition products: Carbon monoxide

11 Toxicological information

- Information on toxicological effects
- Acute toxicity:
  - LD/LC50 values that are relevant for classification:
    - Amine accelerator (CAS no. 1477-55-0)
      - Oral LD50 1040 mg/kg (rat)
      - Inhalative LC50/4 h 2.4 mg/l (rat)
    - Primary irritant effect:
      - on the skin: Causes skin irritation.
      - on the eye: Can cause eye irritation.
      - Sensitization: May cause allergic skin reaction.
    - Additional toxicological information:
      The product shows the following dangers according to internally approved calculation methods for preparations: Harmful
    - Carcinogenic categories
      - IARC (International Agency for Research on Cancer)
        - Substance is not listed
      - NTP (National Toxicology Program)
        - None of the ingredients is listed.
      - OSHA-Ca (Occupational Safety & Health Administration)
        - None of the ingredients is listed.

12 Ecological information

- Additional ecological information:
- General notes:
  Water hazard class 1 (Self-assessment): slightly hazardous for water
  Do not allow product to reach ground water, water course or sewage system.
13 Disposal considerations

- Waste treatment methods
- Recommendation:
  Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
- Uncleaned packagings:
  - Recommendation: Disposal must be made according to official regulations.

14 Transport information

- UN-Number
- DOT, ADR, IMDG, IATA : 1760

- UN proper shipping name
- DOT, ADR, IMDG, IATA : Corrosive liquid, n.o.s. (Polyoxypropylene diamine)

- Transport hazard class(es)
  - DOT
    - Class 8 Corrosive substances
    - Label 8
  - ADR, IMDG, IATA
    - Class 8 Corrosive substances
    - Label 8

- Packing group
  - DOT, ADR, IMDG, IATA : II

15 Regulatory information

- Safety, health and environmental regulations/legislation specific for the substance or mixture
- Sara

- Section 355 (extremely hazardous substances):
  None of the ingredients is listed.

- Section 313 (Specific toxic chemical listings):
  None of the ingredients is listed.

- TSCA (Toxic Substances Control Act):
  All ingredients are listed.
Trade name: EP29LPSPA-O-1 (Part-B)

- Proposition 65
  - Chemicals known to cause cancer:
    None of the ingredients is listed.
  - Chemicals known to cause reproductive toxicity for females:
    None of the ingredients is listed.
  - Chemicals known to cause reproductive toxicity for males:
    None of the ingredients is listed.
  - Chemicals known to cause developmental toxicity:
    None of the ingredients is listed.

- Carcinogenic categories
  - EPA (Environmental Protection Agency)
    None of the ingredients is listed.
  - TLV (Threshold Limit Value established by ACGIH)
    None of the ingredients is listed.
  - NIOSH-Ca (National Institute for Occupational Safety and Health)
    None of the ingredients is listed.
  - GHS label elements: The product is classified and labeled according to the Globally Harmonized System (GHS).
  - Hazard pictograms
    
    GHS05
    GHS07

- Signal word: Danger

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- Department issuing SDS: Product safety department
- Contact: Master Bond Inc.
- Date of preparation / last revision: 10/13/2015

- Abbreviations and acronyms:
  - RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
  - IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)
  - ICAO: International Civil Aviation Organisation
  - ICAO-TE: Technical Instructions by the "International Civil Aviation Organisation" (ICAO)
  - ADR: Accord européen sur le transport des marchandises dangereuses par route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
  - IMDG: International Maritime Code for Dangerous Goods
  - DOT: Department of Transportation
  - IATA: International Air Transport Association
  - ACGIH: American Conference of Governmental Industrial Hygienists
  - ELINCS: European Inventory of Existing Commercial Chemical Substances
  - EINECS: European List of Notified Chemical Substances
  - CAS: Chemical Abstracts Service (division of the American Chemical Society)
  - NFPA: National Fire Protection Association (USA)
  - HMIS: Hazardous Materials Identification System (USA)
  - LC50: Lethal concentration, 50 percent
  - LD50: Lethal dose, 50 percent
  - Acute Tox. 4: Acute toxicity, Hazard Category 4
Trade name: EP29LPSA0-1 (Part-B)

Skin Corr. 1C: Skin corrosion/irritation, Hazard Category 1C
Skin Sens. 1: Sensitisation - Skin, Hazard Category 1
STOF SE 3: Specific target organ toxicity - Single exposure, Hazard Category 3
Aquatic Chronic 3: Hazardous to the aquatic environment - Chronic Hazard, Category 3