1 Identification

- **Product identifier**
- **Trade name:** Basic No-Blush Part B
- **Article number:** BNBB
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
  Eastern Resins Corporation
  1 Industrial Circle
  Lincoln, RI 02865
- **Information department:** Product safety department
- **Emergency telephone number:**
  During normal opening times: +1 (401) 769-6700
  Chemtel (US transportation) 1-800-255-3924
  International (call collect) +01-813-248-0585

2 Hazard(s) identification

- **Classification of the substance or mixture**

  ![Corrosion](Corrosion)

  **GHS05 Corrosion**
  Skin Corr. 1C  H314  Causes severe skin burns and eye damage.
  Eye Dam. 1  H318  Causes serious eye damage.

  ![Acute Toxicity](AcuteToxicity)

  **GHS07**
  Acute Tox. 4  H302  Harmful if swallowed.
  Skin Sens. 1  H317  May cause an allergic skin reaction.

- **Classification according to Directive 67/548/EEC or Directive 1999/45/EC**

  ![Corrosive](Corrosive)
  Corrosive
  Causes severe burns.

  ![Harmful](Harmful)
  Harmful
  Harmful in contact with skin and if swallowed.

  ![Irritant](Irritant)
  Irritant
  May cause sensitisation by skin contact.

- **Information concerning particular hazards for human and environment:**
  The product has to be labeled due to the calculation procedure of international guidelines.

- **Classification system:**
  The classification was made according to the latest editions of international substances lists, and expanded upon from company and literature data.
Trade name: Basic No-Blush Part B

· Label elements
  · Labelling according to EU guidelines:
    The product has been classified and marked in accordance with directives on hazardous materials.
  · Code letter and hazard designation of product:
    Corrosive

· Hazard-determining components of labeling:
  Modified Amine - Proprietary
  Aliphatic Amine-Proprietary

· Risk phrases:
  Harmful in contact with skin and if swallowed.
  Causes severe burns.
  May cause sensitisation by skin contact.

· Safety phrases:
  Keep locked up and out of the reach of children.
  In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
  Wear suitable protective clothing, gloves and eye/face protection.
  In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
  Dispose of this material and its container to hazardous or special waste collection point.

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

· Other hazards
  · Results of PBT and vPvB assessment
    · PBT: Not applicable.
    · vPvB: Not applicable.

3 Composition/information on ingredients

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

· Dangerous components:
<table>
<thead>
<tr>
<th>Substance</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aliphatic Amine-Proprietary</td>
<td>50-100%</td>
</tr>
<tr>
<td>Aromatic Alcohol-Proprietary</td>
<td>10-25%</td>
</tr>
<tr>
<td>Modified Amine - Proprietary</td>
<td>2.5-10%</td>
</tr>
</tbody>
</table>
4 First-aid measures

· Description of first aid measures
  · General information:
    Immediately remove any clothing soiled by the product.
    Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.
  · After inhalation:
    Supply fresh air and to be sure call for a doctor.
    In case of unconsciousness place patient stably in side position for transportation.
  · After skin contact:
    Immediately wash with water and soap and rinse thoroughly.
  · After eye contact:
    Rinse opened eye for several minutes under running water. Then consult a doctor.
  · After swallowing:
    Immediately call a doctor.
    Drink copious amounts of water and provide fresh air. Immediately call a doctor.
  · Information for doctor:
    · Most important symptoms and effects, both acute and delayed: No further relevant information available.
  · Indication of any immediate medical attention and special treatment needed
    No further relevant information available.

5 Fire-fighting measures

· Extinguishing media
  · Suitable extinguishing agents: Use fire fighting measures that suit the environment.
  · Special hazards arising from the substance or mixture: No further relevant information available.
  · Advice for firefighters
    · Protective equipment: No special measures required.

6 Accidental release measures

· Personal precautions, protective equipment and emergency procedures
  · Environmental precautions: Do not allow to enter sewers/ surface or ground water.
  · Methods and material for containment and cleaning up:
    Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
    Use neutralizing agent.
    Dispose contaminated material as waste according to item 13.
    Ensure adequate ventilation.
  · Reference to other sections
    See Section 7 for information on safe handling.
    See Section 8 for information on personal protection equipment.
    See Section 13 for disposal information.

7 Handling and storage

· Handling:
  · Precautions for safe handling
    Ensure good ventilation/exhaustion at the workplace.
    Prevent formation of aerosols.
  · Information about protection against explosions and fires: No special measures required.
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:
  - Aromatic Alcohol-Proprietary
    - WEEL Long-term value: 10 ppm

- 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:
    In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.

- Protection of hands:

  - Protective gloves

  The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
  Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.
  Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

  - Material of gloves
    The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

  - 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:

    - Tightly sealed goggles
## 9 Physical and chemical properties

<table>
<thead>
<tr>
<th>· Information on basic physical and chemical properties</th>
</tr>
</thead>
<tbody>
<tr>
<td>· General Information</td>
</tr>
<tr>
<td>· Appearance:</td>
</tr>
<tr>
<td>Form: Liquid</td>
</tr>
<tr>
<td>Color: Colorless</td>
</tr>
<tr>
<td>Odor: Amine-like</td>
</tr>
<tr>
<td>Odour threshold: Not determined.</td>
</tr>
<tr>
<td>· pH-value: Not determined.</td>
</tr>
<tr>
<td>· Change in condition</td>
</tr>
<tr>
<td>Melting point/Melting range: Undetermined.</td>
</tr>
<tr>
<td>Boiling point/Boiling range: 201 °C (394 °F)</td>
</tr>
<tr>
<td>· Flash point: 101 °C (214 °F)</td>
</tr>
<tr>
<td>· Flammability (solid, gaseous): Not applicable.</td>
</tr>
<tr>
<td>· Ignition temperature: 435 °C (815 °F)</td>
</tr>
<tr>
<td>· Decomposition temperature: Not determined.</td>
</tr>
<tr>
<td>· Auto igniting: Product is not selfigniting.</td>
</tr>
<tr>
<td>· Danger of explosion: Product does not present an explosion hazard.</td>
</tr>
<tr>
<td>· Explosion limits:</td>
</tr>
<tr>
<td>Lower: 1.3 Vol %</td>
</tr>
<tr>
<td>Upper: 13.0 Vol %</td>
</tr>
<tr>
<td>· Vapor pressure at 20 °C (68 °F): 0.1 hPa</td>
</tr>
<tr>
<td>· Density at 20 °C (68 °F): 0.96825 g/cm³ (8.08 lbs/gal)</td>
</tr>
<tr>
<td>· Relative density Not determined.</td>
</tr>
<tr>
<td>· Vapour density Not determined.</td>
</tr>
<tr>
<td>· Evaporation rate Not determined.</td>
</tr>
<tr>
<td>· Solubility in / Miscibility with</td>
</tr>
<tr>
<td>Water: Not miscible or difficult to mix.</td>
</tr>
<tr>
<td>· Partition coefficient (n-octanol/water): Not determined.</td>
</tr>
<tr>
<td>· Viscosity:</td>
</tr>
<tr>
<td>Dynamic: Not determined.</td>
</tr>
<tr>
<td>Kinematic: Not determined.</td>
</tr>
<tr>
<td>· Solvent content:</td>
</tr>
<tr>
<td>Organic solvents: 0.0 %</td>
</tr>
<tr>
<td>Other information No further relevant information available.</td>
</tr>
</tbody>
</table>

## 10 Stability and reactivity

| · Reactivity |
| · Chemical stability |
| · Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications. |
| · Possibility of hazardous reactions No dangerous reactions known. |
| · Conditions to avoid No further relevant information available. |
| · Incompatible materials: No further relevant information available. |
11 Toxicological information

- Information on toxicological effects
- Acute toxicity:

  - LD/LC50 values that are relevant for classification:

    |                | Oral LD50 | Oral LD50 |
    |----------------|-----------|-----------|
    | Aliphatic Amine-Proprietary | 2885 mg/kg (rat) | 2980 mg/kg (rabbit) |
    | Aromatic Alcohol-Proprietary | 1230 mg/kg (rat) | 2000 mg/kg (rabbit) |

- Primary irritant effect:
  - on the skin: Strong caustic effect on skin and mucous membranes.
  - on the eye: Strong caustic effect.
  - Sensitization: Sensitization possible through skin contact.

- Additional toxicological information:
The product shows the following dangers according to internally approved calculation methods for preparations:
- Harmful
- Corrosive
- Irritant
Swallowing will lead to a strong caustic effect on mouth and throat and to the danger of perforation of esophagus and stomach.

- Carcinogenic categories

  - IARC (International Agency for Research on Cancer)
    None of the ingredients is 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

- Toxicity
  - Aquatic toxicity: No further relevant information available.
  - Persistence and degradability: No further relevant information available.
  - Behavior in environmental systems:
    - Bioaccumulative potential: No further relevant information available.
    - Mobility in soil: No further relevant information available.

- 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.
    Must not reach bodies of water or drainage ditch undiluted or unneutralized.

  - Results of PBT and vPvB assessment
    - PBT: Not applicable.
    - vPvB: Not applicable.
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, IMDG, IATA UN1760
- UN proper shipping name
  - DOT Corrosive liquids, n.o.s. (Aliphatic Amine-Proprietary)
  - IMDG CORROSIVE LIQUID, N.O.S. (Aliphatic Amine-Proprietary), MARINE POLLUTANT
  - IATA CORROSIVE LIQUID, N.O.S. (Aliphatic Amine-Proprietary)
- Transport hazard class(es)
  - DOT
    - Class 8 Corrosive substances
    - Label 8
  - IMDG
    - Class 8 Corrosive substances
    - Label 8
  - IATA
    - Class 8 Corrosive substances
    - Label 8
- Packing group
  - DOT, IMDG, IATA III
- Environmental hazards:
  - Product contains environmentally hazardous substances: Aliphatic Amine-Proprietary
### Trade name: Basic No-Blush Part B

- **Marine pollutant:** Yes
  - Symbol (fish and tree)
- **Special precautions for user:** Warning: Corrosive substances
- **Danger code (Kemler):** 80
- **EMS Number:** F-A,S-B
- **Segregation groups:** Alkalis
- **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:** Not applicable.
- **Transport/Additional information:**
  - **DOT**
    - **Quantity limitations:** On passenger aircraft/rail: 5 L
      - On cargo aircraft only: 60 L
    - **Remarks:** Special marking with the symbol (fish and tree).
  - **IMDG**
    - **Limited quantities (LQ):** 5L
    - **Excepted quantities (EQ):** Code: E1
      - Maximum net quantity per inner packaging: 30 ml
      - Maximum net quantity per outer packaging: 1000 ml
  - **UN "Model Regulation":** UN1760, Corrosive liquids, n.o.s. (Aliphatic Amine-Prorietary), ENVIRONMENTALLY HAZARDOUS, 8, III

### 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:** 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.
Trade name: Basic No-Blush Part B

- **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.

- **Product related hazard informations:**
  The product has been classified and marked in accordance with directives on hazardous materials.

- **Hazard symbols:**
  ![Corrosive]

- **Hazard-determining components of labeling:**
  Modified Amine - Proprietary
  Aliphatic Amine - Proprietary

- **Risk phrases:**
  Harmful in contact with skin and if swallowed.
  Causes severe burns.
  May cause sensitisation by skin contact.

- **Safety phrases:**
  Keep locked up and out of the reach of children.
  In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
  Wear suitable protective clothing, gloves and eye/face protection.
  In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
  Dispose of this material and its container to hazardous or special waste collection point.

- **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

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**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:** Environment protection department.
- **Contact:** Mr. David Viola
- **Date of preparation / last revision** 04/27/2016 / -
- **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 Transportation
  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)
  LC50: Lethal concentration, 50 percent
  LD50: Lethal dose, 50 percent
  Acute Tox. 4: Acute toxicity, Hazard Category 4
  Skin Corr. 1C: Skin corrosion/irritation, Hazard Category 1C
  Eye Dam. 1: Serious eye damage/eye irritation, Hazard Category 1
  Skin Sens. 1: Sensitisation - Skin, Hazard Category 1