

**5050-335 NATURAL RUBBER LATEX**Version Number 1.0  
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Print Date 11/6/2011**1. PRODUCT AND COMPANY IDENTIFICATION****POLYONE CORPORATION**  
2700 Papin Street, St. Louis, MO 63103

NON-EMERGENCY TELEPHONE : Product Stewardship, (314) 771-1800

Emergency telephone number : **CHEMTREC 1-800-424-9300 (24hrs for spill, leak, fire, exposure or accident).**

Product name : 5050-335 NATURAL RUBBER LATEX

Product code : FO20001665

Chemical Name : Mixture

CAS-No. : Mixture

Product Use : Industrial Applications

**2. COMPOSITION/INFORMATION ON HAZARDOUS INGREDIENTS**

There are no known hazardous components above regulatory thresholds in this product.

**3. HAZARDS IDENTIFICATION****EMERGENCY OVERVIEW**

This product is a water based mixture with an ammonia odor. The mixture has not been evaluated as a whole for health effects. Information provided on health effects of this product is based on the individual components. The product is not combustible, but it will burn if involved in a fire, releasing hydrocarbon products of combustion. Inhalation of the ammonia from this product may cause respiratory irritation, coughing, sore throat, and labored breathing.

**POTENTIAL HEALTH EFFECTS****Routes of Exposure:** : Skin contact, Inhalation, Ingestion**Acute exposure**

Inhalation : Symptoms of breathing ammonia vapor concentrated from this product may include laryngitis, tracheitis, pulmonary edema, dyspnea, bronchospasms, and chest pains or pneumonitis. Symptoms are typically reversible.

Ingestion : May be harmful if swallowed.

Eyes : Liquid, aerosol, or vapors of this product are irritating and may cause tearing, reddening, and swelling accompanied by a stinging sensation and/or a feeling like that of fine dust in the eyes.

Skin : Skin contact may cause redness, irritation, and burns.

**Chronic exposure** : Refer to Section 11 for Toxicological Information.

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**Medical Conditions** : None known.  
**Aggravated by Exposure:**

### 4. FIRST AID MEASURES

**Inhalation** : Move to fresh air in case of accidental inhalation of vapors or fumes from overheating or combustion. When symptoms persist, or in all cases of doubt, seek medical advice.

**Ingestion** : Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. Seek medical attention if necessary.

**Eyes** : Rinse immediately with plenty of water for at least 15 minutes. If eye irritation persists, seek medical attention.

**Skin** : Wash off with soap and plenty of water. If skin irritation persists seek medical attention.

### 5. FIRE-FIGHTING MEASURES

**Flash point** : No data available.

**Flammable Limits**

- Upper explosion limit : No data available.
- Lower explosion limit : No data available.

**Autoignition temperature** : No data available.

**Suitable extinguishing media** : carbon dioxide (CO<sub>2</sub>), water, foam, dry chemical.

**Special Fire Fighting Procedures** : Fullface self-contained breathing apparatus (SCBA) used in positive pressure mode should be worn to prevent inhalation of airborne contaminants. Cool closed containers exposed to fire with water spray. Do not allow run-off from fire fighting to enter drains or water courses.

**Unusual Fire/Explosion Hazards** : Burning dry latex produces dense black smoke with the possibility of toxic vapors. Residual latex material contained in empty drums may decompose when burned producing toxic or irritating fumes.

### 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions** : Ensure response personnel are properly protected (see section 8 for respiratory or other protection guidelines.) Use caution as floors may be slippery.

**Environmental precautions** : The product should not be allowed to enter drains, water courses or the soil.

**Methods for cleaning up** : Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Sweep up and shovel into suitable containers for disposal.

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**7. HANDLING AND STORAGE**

- Handling : Use only in area provided with appropriate exhaust ventilation. Prolonged heating may result in product degradation. Material may settle during storage. Careful mixing without introduction of air may be necessary before use.
- Storage : Containers which are opened must be carefully resealed and kept upright to prevent leakage. Keep in a dry, cool place. Keep from freezing and temperature extremes.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

- Respiratory protection : A respirator is normally not required for routine handling of product in areas of good general ventilation and adequate local exhaust at processing equipment during routine operation. If using a cartridge respirator, an ammonia cartridge is required to filter out potential excess ammonia vapors.
- Eye/Face Protection : Safety glasses with side-shields. Wear goggles or face shield during operations that present a splash potential.
- Hand protection : Impervious gloves such as rubber or PVC
- Skin and body protection : Long sleeved shirts and long pants are adequate for normal handling. Where operations present a splash or spill potential, employees should wear chemically resistant clothing, boots, apron, gloves, and eye/face protection.
- Additional Protective Measures : Safety shoes
- General Hygiene Considerations : Wash hands before breaks and immediately after handling the product. Handle in accordance with good industrial hygiene and safety practices.
- Engineering measures : Adequate ventilation and/or appropriate respiratory protection may also be necessary to minimize employee exposure to processing vapors.

Exposure limit(s)

There are no known hazardous components above regulatory thresholds in this product.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

- |            |              |                  |                             |
|------------|--------------|------------------|-----------------------------|
| Form       | : Liquid     | Evaporation rate | : Slower than Butyl Acetate |
| Appearance | : Liquid     | Specific Gravity | : Not determined            |
| Color      | : NO PIGMENT | Bulk density     | : Not applicable.           |

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|                     |                       |                |                     |
|---------------------|-----------------------|----------------|---------------------|
| Odor                | : Slight ammonia      | Vapor pressure | : Not established   |
| Melting point/range | : Not applicable      | Vapor density  | : Heavier than air. |
| Boiling Point:      | : Not applicable      | pH             | : Not determined    |
| Water solubility    | : Completely miscible |                |                     |

**10. STABILITY AND REACTIVITY**

|                                  |                                                                                                                                                          |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Stability                        | : Stable.                                                                                                                                                |
| Hazardous Polymerization         | : Will not occur.                                                                                                                                        |
| Conditions to avoid              | : Extremes of temperature and direct sunlight. Keep from freezing.                                                                                       |
| Incompatible Materials           | : Acids, metal salts, and solvents                                                                                                                       |
| Hazardous decomposition products | : Carbon dioxide (CO <sub>2</sub> ), carbon monoxide (CO), oxides of nitrogen (NO <sub>x</sub> ), other hazardous materials, and smoke are all possible. |

**11. TOXICOLOGICAL INFORMATION**

There are no known hazardous components above regulatory thresholds in this product.

**12. ECOLOGICAL INFORMATION**

|                               |                      |
|-------------------------------|----------------------|
| Persistence and degradability | : No data available. |
| Environmental Toxicity        | : No data available. |
| Bioaccumulation Potential     | : No data available. |
| Additional advice             | : No data available. |

**13. DISPOSAL CONSIDERATIONS**

|                        |                                                                                                                                                                                                                                                                          |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product                | : Where possible, recycling is preferred to disposal or incineration. The generator of waste material has the responsibility for proper waste classification, transportation and disposal in accordance with applicable federal, state/provincial and local regulations. |
| Contaminated packaging | : Recycling is preferred when possible. The generator of waste material has the responsibility for proper waste classification, transportation and disposal in accordance with applicable federal, state/provincial and local regulations.                               |

**14. TRANSPORT INFORMATION**

|                         |                                     |
|-------------------------|-------------------------------------|
| U.S. DOT Classification | : Not regulated for transportation. |
| ICAO/IATA               | : Not regulated for transportation. |

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IMO / IMDG : Not regulated for transportation.

**15. REGULATORY INFORMATION**

US Regulations:

OSHA Status : There are no known hazardous components above regulatory thresholds in this product.

TSCA Status : All components of this product are listed on the TSCA inventory or are exempt.

US. EPA CERCLA Hazardous Substances (40 CFR 302)

Not applicable

California Proposition 65 : This product does not contain a substance listed by California Prop 65.

Canadian Regulations:

WHMIS Classification : Not controlled.

DSL : Listed.

National Inventories:

Australia AICS : Listed.

China IECS : Listed.

Europe EINECS : Listed.

Japan ENCS : Not determined.

Korea KECI : Listed.

Philippines PICCS : Listed.

**16. OTHER INFORMATION**

POLYONE CORPORATION



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