



# POLYONE CORPORATION

## MATERIAL SAFETY DATA SHEET

### PX-V-235 RED 187 METALLIC M3103 BASE

Version Number 1.4  
Revision Date 06/21/2007

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#### 1. PRODUCT AND COMPANY IDENTIFICATION

**POLYONE CORPORATION**  
8155 Cobb Center Drive, Kennesaw, GA 30152

Telephone : Product Stewardship (770) 590-3500 x.3563  
Emergency telephone : CHEMTREC 1-800-424-9300 (24hrs for spill, leak, fire, exposure or accident).

Product name : PX-V-235 RED 187 METALLIC M3103 BASE  
Product code : FO20005121  
Chemical Name : Mixture  
CAS-No. : Mixture  
Product Use : Industrial Applications

#### 2. COMPOSITION/INFORMATION ON REGULATED INGREDIENTS

| Components   | CAS-No.    | Weight % |
|--|------------|----------|
| Oxirane,<br>2,2'-[(1-methylethylidene)bis(4,1-phenylene<br>oxymethylene)]bis-, homopolymer | 25085-99-8 | 1 - 5    |
| Aluminum   | 7429-90-5  | 1 - 5    |

#### 3. HAZARDS IDENTIFICATION

##### EMERGENCY OVERVIEW

This 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. However, some vapors or contaminants may be released upon heating and the end-user (fabricator) must take the necessary precautions (mechanical ventilation, respiratory protection, etc.) to protect employees from exposure. See sections 8 and 11 for special precautions.

##### POTENTIAL HEALTH EFFECTS

**Routes of Exposure:** : Inhalation, Skin contact, Ingestion

##### Acute exposure

Inhalation : Inhalation of airborne droplets may cause irritation of the respiratory tract.  
Ingestion : May be harmful if swallowed.  
Eyes : May cause eye/skin irritation.  
Skin : Experience shows no unusual dermatitis hazard from routine handling.

**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 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. When symptoms persist or in all cases of doubt seek medical advice.

**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** : Not applicable

**Suitable extinguishing media** : Carbon dioxide blanket, Water spray, Dry powder, Foam.

**Special Fire Fighting Procedures** : Fullface self-contained breathing apparatus (SCBA) used in positive pressure mode should be worn to prevent inhalation of airborne contaminants.

**Unusual Fire/Explosion Hazards** : May emit Hydrogen Chloride (HCl) or Carbon Monoxide (CO) under fire conditions. Carbon dioxide (CO<sub>2</sub>), carbon monoxide (CO), oxides of nitrogen (NO<sub>x</sub>), other hazardous materials, and smoke are all possible.

**6. ACCIDENTAL RELEASE MEASURES**

**Personal precautions** : Wear appropriate personal protection during cleanup, such as impervious gloves, boots and coveralls.

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

**Methods for cleaning up** : Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Package all material in appropriate container for disposal. Refer to Section 13 of this MSDS for proper disposal methods.

**7. HANDLING AND STORAGE**

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- Handling : Heat only in areas with appropriate exhaust ventilation. Processing fume condensates may contain combustible or toxic residue. Periodically clean hoods, ducts, and other surfaces to minimize accumulation of these materials.
- Storage : Keep containers dry and tightly closed to avoid moisture absorption and contamination. Store in a cool dry place.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

- Respiratory protection : No personal respiratory protective equipment normally required.
- Eye/Face Protection : Safety glasses with side-shields
- Hand protection : Protective gloves
- Skin and body protection : Long sleeved clothing
- Additional Protective Measures : Safety shoes
- General Hygiene Considerations : Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.
- Engineering measures : Heat only in areas with appropriate exhaust ventilation. Provide appropriate exhaust ventilation at machinery.

Exposure limit(s)

| Components | Value    | Exposure time                | Exposure type            | List:   |
|------------|----------|------------------------------|--------------------------|---------|
| Aluminum   | 10 mg/m3 | Time Weighted Average (TWA): | Dust.                    | ACGIH   |
|            | 5 mg/m3  | Time Weighted Average (TWA): | Pyrophoric powder. as Al | ACGIH   |
|            | 15 mg/m3 | PEL:                         | Total dust. as Al        | OSHA Z1 |
|            | 5 mg/m3  | PEL:                         | Respirable dust. as Al   | OSHA Z1 |
|            | 5 mg/m3  | Time Weighted Average (TWA): | Pyrophoric powder.       | MX OEL  |
|            | 10 mg/m3 | Time Weighted Average (TWA): | Dust.                    | MX OEL  |

**9. PHYSICAL AND CHEMICAL PROPERTIES**

- |                     |                   |                  |                   |
|---------------------|-------------------|------------------|-------------------|
| Form                | : liquid          | Evaporation rate | : Not established |
| Appearance          | : Viscous, liquid | Specific Gravity | : Not determined  |
| Color               | : RED             | Bulk density     | : Not applicable  |
| Odour               | : Very faint      | Vapour pressure  | : Not determined  |
| Melting point/range | : Not applicable  | Vapour density   | : Not determined  |





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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 : Refer to specific regulation.

ICAO/IATA (air) : Refer to specific regulation.

IMO / IMDG (maritime) : Refer to specific regulation.

**15. REGULATORY INFORMATION**

US Regulations:

OSHA Status : Classified as hazardous based on components.

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

US. EPA CERCLA Hazardous Substances (40 CFR 302)

Not applicable

California Proposition : Not applicable  
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SARA Title III Section 302 Extremely Hazardous Substance

Unless specific chemicals are identified under this section, this product is Not Applicable under this regulation

SARA Title III Section 313 Toxic Chemicals:

Unless specific chemicals are identified under this section, this product is Not Applicable under this regulation

| Chemical Name | CAS-No. | Weight % |
|---------------|---------|----------|
|---------------|---------|----------|

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| Chemical Name           | CAS-No.   | Weight %    |
|-------------------------|-----------|-------------|
| ALUMINUM (FUME OR DUST) | 7429-90-5 | 1.00 - 5.00 |

## Canadian Regulations:

## National Pollutant Release Inventory (NPRI)

| Chemical Name | CAS-No.   | Weight %    | NPRI ID# |
|---------------|-----------|-------------|----------|
| Aluminum      | 7429-90-5 | 1.00 - 5.00 | 12       |

WHMIS Classification : D2B

## WHMIS Ingredient Disclosure List

| CAS-No.   |
|-----------|
| 7429-90-5 |

DSL : All components of this product are on the Canadian Domestic Substances List (DSL) or are exempt.

## National Inventories:

Australia AICS : Not determined  
China IECS : Not determined  
Europe EINECS : Not determined  
Japan ENCS : Not determined  
Korea KECI : Not determined  
Philippines PICCS : Not determined**16. OTHER INFORMATION**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.