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Material Safety Data Sheet  
INTERGARD 251 CONVERTER

Bulk Sales Reference No.:  
MSDS Revision Date:  
MSDS Revision Number:

Sales  
Order: {SalesOrd}  
251B  
09/24/2008  
A4-2

## 1. Identification of the preparation and company

Product Identity INTERGARD 251 CONVERTER  
Bulk Sales Reference No. 251B  
Company Name International Paint LLC  
6001 Antoine Drive  
Houston Texas 77091

Emergency  
CHEMTREC (USA) (800) 424-9300  
International Paint (713) 527-3887  
Poison Control Center (800) 854-6813  
Customer Service  
International Paint (800) 589-1267  
Interlux (800) 631-7481

## 2. Hazard identification of the product



Warning

## GHS Classification:

| Item  | Category       | Hazard   |
|---|----------------|--|
| Flammability  | 3              | Flammable liquid and vapor                               |
| Acute Toxicity (mouth)                                      | Not classified | Not applicable   |
| Acute Toxicity (skin)                                       | 5              | May be harmful in contact with skin                      |
| Acute Toxicity (inhalation)                                 | Not classified | Not applicable   |
| Acute Toxicity (ingestion)                                  | Not classified | Not applicable   |
| Skin corrosion/irritation                                   | 2              | Causes skin irritation                                   |
| Eye damage/irritation                                       | Not classified | Not applicable   |
| Sensitization (respiratory)                                 | Not classified | Not applicable   |
| Sensitization (skin)  | 1              | May cause allergic reaction.                             |
| Germ toxicity   | Not classified | Not applicable   |
| Specific target organ systemic toxicity (single exposure)   | 1              | central nerve system, kidneys, liver, respiratory system |
|   | 2              | central nerve system                                     |
|   | 3              | Not applicable   |
| Specific target organ systemic Toxicity (repeated exposure) | 1              | central nerve system, respiratory system                 |
|   | 2              | Not applicable   |
| Aspiration hazard   | Not classified | Not applicable   |
| Harmfulness to aquatic Environment (acute)                  | Not classified | Not applicable   |
| Harmfulness to aquatic Environment (long term effect)       | Not classified | Not applicable   |

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|                       |                |                |
|-----------------------|----------------|----------------|
| Carcinogenicity       | Not classified | Not applicable |
| Reproductive Toxicity | Not classified | Not applicable |
| Organic Peroxide      | Not classified | Not applicable |

## Safety Phrases:

S1: Keep locked up.

S23: Do not breathe vapor/spray.

S24: Avoid contact with skin.

S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S27: Take off immediately all contaminated clothing.

S28: After contact with skin, wash immediately with plenty of soap and water.

S36/37: Wear suitable protective clothing and gloves.

S39: Wear eye/face protection.

S45: In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

S51: Use only in well-ventilated areas.

S62: If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

|                 |  |                 |               |
|-----------------|--|-----------------|---------------|
| Overview        | NOTICE: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. Avoid contact with eyes, skin and clothing. |                 |               |
| Inhalation      | Harmful if inhaled. Causes nose and throat irritation. Vapors may affect the brain or nervous system causing dizziness, headache or nausea.  |                 |               |
| Eyes            | Causes severe eye irritation. Avoid contact with eyes.   |                 |               |
| Skin            | Causes skin irritation. May cause delayed skin irritation. May be harmful if absorbed through the skin.  |                 |               |
| Ingestion       | Harmful if swallowed. May cause abdominal pain, nausea, vomiting, diarrhea, or drowsiness.   |                 |               |
| Chronic effects | Possible cancer hazard. Contains an ingredient which may cause cancer based on animal data (See Section 2 and Section 15 for each ingredient). Risk of cancer depends on duration and level of exposure.   |                 |               |
| HMIS Rating     | Health: 3*   | Flammability: 3 | Reactivity: 0 |

## 3. Composition/information on ingredients

| Ingredient   | CAS No.     | Percent  |
|--|-------------|----------|
| 2,4,6-Tri(dimethylaminomethyl)phenol               | 000090-72-2 | 1.0 – 10 |
| Benzene, ethyl-                                    | 000100-41-4 | 1.0 – 10 |
| Triethylene tetramine                              | 000112-24-3 | 1.0 – 10 |
| Xylenes (o-, m-, p- isomers)                       | 001330-20-7 | 25 – 50  |
| FATTY ACIDS, C18-UNSATD., DIMERS, POLYMERS WITH TA | 068082-29-1 | 25 – 50  |

## 4. First aid measures

|            |   |
|------------|---|
| General    | Remove contaminated clothing and shoes. Get medical attention immediately. Wash clothing before reuse. Thoroughly clean or destroy contaminated shoes.  |
| Inhalation | If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.  |
| Eyes       | In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention immediately.   |
| Skin       | In case of contact, immediately flush skin with soap and plenty of water. Get medical attention immediately.  |
| Ingestion  | If swallowed, immediately contact Poison Control Center at 1-800-854-6813. DO NOT induce vomiting unless instructed to do so by medical personnel. Never give anything by mouth to an unconscious person. |

## 5. Fire-fighting measures

Flash Point

F: 81

C: 27

Lower Explosive Limit (LEL)

1 (%vol in air) at Normal Atmospheric Temp and Pressure

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## 6. Accidental release measures

Spill Response  
Procedures

ELIMINATE ALL IGNITION SOURCES (no smoking, flares, sparks or flames in immediate area). Use only non-sparking equipment to handle spilled material and absorbent. Do not touch or walk through spilled material. Stop leak if you can do so without risk. Prevent entry into waterways, sewers, basements or confined areas. A vapor suppressing foam may be used to reduce vapors. Absorb or cover with dry earth, sand, or other non-combustible material and transfer to containers. Use non-sparking tools to collect absorbed material.

Public Safety

CALL CHEMTREC at (800)–424–9300 for emergency response. Isolate spill or leak area immediately for at least 25 to 50 meters (80 to 160 feet) in all directions. Keep unauthorized personnel away. Stay upwind. Keep out of low areas. Ventilate closed spaces before entering. LARGE SPILLS: Consider initial downwind evacuation for at least 300 meters (1000 feet).

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## 7. Handling and storage

Storage Temperature

Store between 40–100F (4–38C).

Handling and Storage  
Precautions

Keep away from heat, sparks and flame. Do not smoke. Extinguish all flames and pilot lights, and turn off stoves, heaters, electric motors and other sources of ignition during use and until all vapors are gone. Vapors may cause flash fire or ignite explosively. Prevent build-up of vapors by opening all windows and doors to achieve cross-ventilation. Avoid contact with eyes and clothing. Avoid prolonged or repeated contact with skin. Close container after each use. Wash thoroughly after handling.

## 8. Exposure controls and personal protection

## Exposure

| CAS No.     | Ingredient                           | Source    | Value  |
|-------------|--------------------------------------|-----------|--|
| 000090–72–2 | 2,4,6–Tri(dimethylaminomethyl)phenol | OSHA      | No Established Limit   |
|             |                                      | ACGIH     | No Established Limit   |
|             |                                      | NIOSH     | No Established Limit   |
|             |                                      | Supplier  | No Established Limit   |
|             |                                      | OHSA, CAN | No Established Limit   |
|             |                                      | Mexico    | No Established Limit   |
|             |                                      | Brazil    | No Established Limit   |
| 000100–41–4 | Benzene, ethyl–                      | OSHA      | 100 ppm TWA; 435 mg/m <sup>3</sup> TWA125 ppm STEL; 545 mg/m <sup>3</sup> STEL                       |
|             |                                      | ACGIH     | 100 ppm TWA125 ppm STEL  |
|             |                                      | NIOSH     | 100 ppm TWA; 435 mg/m <sup>3</sup> TWA125 ppm STEL; 545 mg/m <sup>3</sup> STEL800 ppm IDLH (10% LEL) |
|             |                                      | Supplier  | No Established Limit   |
|             |                                      | OHSA, CAN | 100 ppm TWAEV; 435 mg/m <sup>3</sup> TWAEV125 ppm STEV; 540 mg/m <sup>3</sup> STEV                   |
|             |                                      | Mexico    | 100 ppm TWA; 435 mg/m <sup>3</sup> TWA125 ppm STEL; 545 mg/m <sup>3</sup> STEL                       |
|             |                                      | Brazil    | 78 ppm TWA; 340 mg/m <sup>3</sup> TWA  |
| 000112–24–3 | Triethylene tetramine                | OSHA      | No Established Limit   |
|             |                                      | ACGIH     | No Established Limit   |
|             |                                      | NIOSH     | No Established Limit   |

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|             |  |           |  |
|-------------|--|-----------|--|
|             |  | Supplier  | No Established Limit                                       |
|             |  | OHSA, CAN | 0.5 ppm TWAEV; 3 mg/m3 TWAEV                               |
|             |  | Mexico    | No Established Limit                                       |
|             |  | Brazil    | No Established Limit                                       |
| 001330-20-7 | Xylenes (o-, m-, p- isomers)                       | OSHA      | 100 ppm TWA; 435 mg/m3 TWA150 ppm STEL; 655 mg/m3 STEL     |
|             |  | ACGIH     | 100 ppm TWA150 ppm STEL                                    |
|             |  | NIOSH     | No Established Limit                                       |
|             |  | Supplier  | No Established Limit                                       |
|             |  | OHSA, CAN | 100 ppm TWAEV; 435 mg/m3 TWAEV150 ppm STEV; 650 mg/m3 STEV |
|             |  | Mexico    | 100 ppm TWA; 435 mg/m3 TWA150 ppm STEL; 655 mg/m3 STEL     |
|             |  | Brazil    | 78 ppm TWA; 340 mg/m3 TWA                                  |
| 068082-29-1 | FATTY ACIDS, C18-UNSATD., DIMERS, POLYMERS WITH TA | OSHA      | No Established Limit                                       |
|             |  | ACGIH     | No Established Limit                                       |
|             |  | NIOSH     | No Established Limit                                       |
|             |  | Supplier  | No Established Limit                                       |
|             |  | OHSA, CAN | No Established Limit                                       |
|             |  | Mexico    | No Established Limit                                       |
|             |  | Brazil    | No Established Limit                                       |

## Health Data

| CAS No.     | Ingredient   | Source | Value   |
|-------------|--|--------|---|
| 000090-72-2 | 2,4,6-Tri(dimethylaminomethyl)phenol               | NIOSH  | No Established Limit  |
| 000100-41-4 | Benzene, ethyl-                                    | NIOSH  | Eye skin  |
| 000112-24-3 | Triethylene tetramine                              | NIOSH  | No Established Limit  |
| 001330-20-7 | Xylenes (o-, m-, p- isomers)                       | NIOSH  | Central nervous system depressant; respiratory and eye irritation |
| 068082-29-1 | FATTY ACIDS, C18-UNSATD., DIMERS, POLYMERS WITH TA | NIOSH  | No Established Limit  |

## Carcinogen Data

| CAS No.     | Ingredient   | Source | Value   |
|-------------|--|--------|---|
| 000090-72-2 | 2,4,6-Tri(dimethylaminomethyl)phenol               | OSHA   | Select Carcinogen: No   |
|             |  | NTP    | Known: No; Suspected: No  |
|             |  | IARC   | Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;  |
| 000100-41-4 | Benzene, ethyl-                                    | OSHA   | Select Carcinogen: Yes  |
|             |  | NTP    | Known: No; Suspected: No  |
|             |  | IARC   | Group 1: No; Group 2a: No; Group 2b: Yes; Group 3: No; Group 4: No; |
| 000112-24-3 | Triethylene tetramine                              | OSHA   | Select Carcinogen: No   |
|             |  | NTP    | Known: No; Suspected: No  |
|             |  | IARC   | Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;  |
| 001330-20-7 | Xylenes (o-, m-, p- isomers)                       | OSHA   | Select Carcinogen: No   |
|             |  | NTP    | Known: No; Suspected: No  |
|             |  | IARC   | Group 1: No; Group 2a: No; Group 2b: No; Group 3: Yes; Group 4: No; |
| 068082-29-1 | FATTY ACIDS, C18-UNSATD., DIMERS, POLYMERS WITH TA | OSHA   | Select Carcinogen: No   |
|             |  | NTP    | Known: No; Suspected: No  |
|             |  | IARC   | Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;  |

## Respiratory

Select equipment to provide protection from the ingredients listed in Section 3 of this document. Ensure fresh air entry during application and drying. If you experience eye watering, headache or dizziness or if air monitoring demonstrates dust, vapor, or mist

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levels are above applicable limits, wear an appropriate, properly fitted respirator (NIOSH approved) during and after application. Follow respirator manufacturer's directions for respirator use. FOR USERS OF 3M RESPIRATORY PROTECTION ONLY: For information and assistance on 3M occupational health and safety products, call OH&ESD Technical Service toll free in U.S.A. 1-800-243-4630, in Canada call 1-800-267-4414. Please do not contact these numbers regarding other manufacturer's respiratory protection products. 3M does not endorse the accuracy of the information contained in this Material Safety Data Sheet.

|                      |  |
|----------------------|--|
| Eyes                 | Avoid contact with eyes. Protective equipment should be selected to provide protection from exposure to the chemicals listed in Section 3 of this document. Depending on the site-specific conditions of use, safety glasses, chemical goggles, and/or head and face protection may be required to prevent contact. The equipment must be thoroughly cleaned, or discarded after each use. |
| Skin                 | Protective equipment should be selected to provide protection from exposure to the chemicals listed in Section 3 of this document. Depending on the site-specific conditions of use, protective gloves, apron, boots, head and face protection may be required to prevent contact. The equipment must be thoroughly cleaned, or discarded after each use.                                  |
| Engineering Controls | Prevent build-up of vapors by opening all windows and doors to achieve cross-ventilation.  |
| Other Work Practices | Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Use good personal hygiene practices. Wash hands before eating, drinking, using toilet facilities, etc. Promptly remove soiled clothing and wash clothing thoroughly before reuse. Shower after work using plenty of soap and water.                               |

### 9. Physical and chemical properties

|                  |  |
|------------------|--|
| Physical State   | Liquid   |
| pH               | No Established Limit                               |
| Specific Gravity | 0.92   |
| Boiling Point F  | 279  |
| Vapor Density    | Heavier than air                                   |
| VOC %            | Refer to the Technical Data Sheet for this product |
| Evaporation Rate | Slower than ether                                  |

### 10. Stability and reactivity

|                         |  |
|-------------------------|--|
| General                 | This product is stable and hazardous polymerization will not occur. Not sensitive to mechanical impact. Excessive heat and fumes generation can occur if improperly handled. |
| Incompatible Materials  | Strong oxidizing agents.   |
| Hazardous Decomposition | May produce hazardous fumes when heated to decomposition as in welding. Fumes may produce Carbon Dioxide and Carbon Monoxide.  |

### 11. Toxicological information

| Ingredient   | Oral LD50, mg/kg            | Skin LD50, mg/kg                 | Inhalation Vapor LD50, mg/L/4hr |
|--|-----------------------------|----------------------------------|---------------------------------|
| 2,4,6-Tri(dimethylaminomethyl)phenol – (000090-72-2)               | 1,000.00, Rat – Category: 4 | 1,280.00, Rat – Category: 4      | -----                           |
| Benzene, ethyl– (000100-41-4)                                      | 3,500.00, Rat – Category: 5 | 15,354.00, Rabbit – Category: NA | 17.20, Rat – Category: 4        |
| Triethylene tetramine – (000112-24-3)                              | 2,500.00, Rat – Category: 5 | 550.00, Rabbit – Category: 3     | -----                           |
| Xylenes (o-, m-, p- isomers) – (001330-20-7)                       | 4,300.00, Rat – Category: 5 | 1,700.00, Rabbit – Category: 4   | 29.08, rat – Category: NA       |
| FATTY ACIDS, C18-UNSATD., DIMERS, POLYMERS WITH TA – (068082-29-1) | -----                       | -----                            | -----                           |

|         |  |
|---------|--|
| General | NOTICE: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be |
|---------|--|

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harmful or fatal. No additional information provided for this product. See Sections 8 and 11 for chemical specific data.

### 12. Ecological information

No additional information provided for this product. See Sections 8 and 11 for chemical specific data.

### 13. Disposal considerations

Dispose of in accordance with local, state and federal regulations. (Also reference RCRA information in Section 15 if listed).

### 14. Transport information

| DOT (Domestic Surface Transportation) |                    | IMO / IMDG (Ocean Transportation) |                                      |
|---------------------------------------|--------------------|-----------------------------------|--------------------------------------|
| DOT Proper Shipping Name              | PAINT              | IMDG Proper Shipping Name         | PAINT                                |
| DOT Hazard Class                      | 3                  | IMDG Hazard Class                 | 3 – Flammable and Combustible liquid |
| UN / NA Number                        | UN 1263            | UN / NA Number                    | UN 1263                              |
| DOT Packing Group                     | III                | IMDG Packing Group                | III                                  |
| CERCLA/DOT RQ                         | 30 gal. / 227 lbs. | System Reference Code             | 1                                    |

### 15. Regulatory information

**Regulatory Overview** The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented. All ingredients of this product are listed on the TSCA (Toxic Substance Control Act) Inventory or are not required to be listed on the TSCA Inventory.

**WHMIS Classification** B2:D2B

**DOT Marine Pollutants (10%):**  
(No Product Ingredients Listed)

**DOT Severe Marine Pollutants (1%):**  
(No Product Ingredients Listed)

**EPCRA 311/312 Chemicals and RQs (>.1%) :**

Benzene, ethyl– (1000 lb final RQ; 454 kg final RQ)

Xylenes (o–, m–, p– isomers) (100 lb final RQ; 45.4 kg final RQ)

**EPCRA 302 Extremely Hazardous (>.1%) :**  
(No Product Ingredients Listed)

**EPCRA 313 Toxic Chemicals (>.1%) :**

Benzene, ethyl–

Xylenes (o–, m–, p– isomers)

**Mass RTK Substances (>1%) :**

Benzene, ethyl–

Triethylene tetramine

Xylenes (o–, m–, p– isomers)

**Mass Extraordinarily Haz Sub (>.01%) :**  
(No Product Ingredients Listed)

**Penn RTK Substances (>1%) :**

Benzene, ethyl–

Triethylene tetramine

Xylenes (o–, m–, p– isomers)

**Penn Special Hazardous Substances (>.01%) :**  
(No Product Ingredients Listed)

**Rhode Island Hazardous Substances (>.1%) :**

Benzene, ethyl–

Xylenes (o–, m–, p– isomers)

**RCRA Status:**  
(No Product Ingredients Listed)

## N.J. RTK Substances (&gt;1%) :

Benzene, ethyl-  
Triethylene tetramine  
Xylenes (o-, m-, p- isomers)

## N.J. Special Hazardous Substances (&gt;.01%) :

Benzene, ethyl-  
Triethylene tetramine  
Xylenes (o-, m-, p- isomers)

## N.J. Env. Hazardous Substances (&gt;.1%) :

Benzene, ethyl-  
Xylenes (o-, m-, p- isomers)

## Proposition 65 – Carcinogens (&gt;0%):

Benzene, ethyl-

Proposition 65 – Female Repro Toxins (>0%):  
(No Product Ingredients Listed)Proposition 65 – Male Repro Toxins (>0%):  
(No Product Ingredients Listed)Proposition 65 – Developmental Toxins (>0%):  
(No Product Ingredients Listed)

## Risk Phrases:

R20/21: Harmful by inhalation and in contact with skin.

R38: Irritating to skin.

R43: May cause sensitisation by skin contact.

|                       |
|-----------------------|
| 16. Other information |
|-----------------------|

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.