MATERIAL SAFETY DATA SHEET

SECTION 1 - PRODUCT AND COMPANY INFORMATION

PPG/Porter Paints
400 South 13th Street
Louisville, KY  40203

EMERGENCY PHONE NUMBERS  (412) 434-4515 (U.S.)
(24 hours/day):
(514) 645-1320 (Canada)
01-800-00-21-400 (Mexico)
0532-83889090 (China)

TECHNICAL INFORMATION:  (866) 823-2585
PRODUCT SAFETY/MSDS INFORMATION:  (412) 492-5555  7:00 a.m.
- 4:30 p.m. EST
Product ID: PP3215 (0878)
SYNONYMS: None
ISSUE DATE: 01/10/2006
EDITION NO.: 2
CHEMICAL FAMILY: Acrylic

EMERGENCY OVERVIEW:
CAUSES SEVERE EYE IRRITATION. MAY CAUSE SLIGHT SKIN IRRITATION. MAY BE HARMFUL IF ABSORBED THROUGH THE SKIN. VAPOR AND/OR SPRAY MIST HARMFUL IF INHALED. VAPOR IRRITATES EYES, NOSE, AND THROAT. HARMFUL OR FATAL IF SWALLOWED. This product is not expected to present any unusual hazards under fire or spill conditions. Read entire MSDS before use.

EMERGENCY PHONE NUMBERS:
0532-83889090 (China)
__________________________________________________________________

SECTION 2 - COMPOSITION INFORMATION

The following ingredient(s) marked with an "x" are considered hazardous under applicable U.S. OSHA and/or Canadian WHMIS regulations. If no ingredients are listed, then there are no U.S. OSHA and/or Canadian WHMIS hazardous ingredients in this product.

<table>
<thead>
<tr>
<th>Material/ Percent</th>
<th>CAS Number</th>
<th>Hazardous</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-BUTOXY ETHANOL</td>
<td>111-76-2</td>
<td>1 - 5</td>
</tr>
<tr>
<td>DIETHYLENE GLYCOL</td>
<td>111-90-0</td>
<td>1 - 5</td>
</tr>
<tr>
<td>MONOETHYL ETHER</td>
<td>111-90-0</td>
<td></td>
</tr>
<tr>
<td>(As Glycol ethers)</td>
<td>111-76-2</td>
<td></td>
</tr>
</tbody>
</table>

SIGNS & SYMPTOMS OF OVEREXPOSURE:
If ingestion, irritation, any type of overexposure or symptoms of overexposure occur during or persists after use of this product, contact a POISON CONTROL CENTER, EMERGENCY ROOM OR PHYSICIAN immediately; have Material Safety Data Sheet information available.

EYE CONTACT:
If irritation persists, contact a poison control center, emergency room, or physician as further treatment may be necessary.

SKIN CONTACT:
If symptoms persist, contact a poison control center, emergency room, or physician as further treatment may be necessary.

INGESTION:
If symptoms persist, contact a poison control center, emergency room or physician for treatment information.

SECTION 3 - HAZARDS IDENTIFICATION

ACUTE OVEREXPOSURE EFFECTS

EYE CONTACT:
Causes severe eye irritation. Redness, itching, burning sensation and visual disturbances may indicate excessive eye contact.

SKIN CONTACT:
May cause slight skin irritation. Dryness, itching, cracking, burning, redness, and swelling are conditions associated with excessive skin contact.

SKIN ABSORPTION:
May be harmful if absorbed through the skin.

INHALATION:
Vapor and/or spray mist harmful if inhaled. Vapor irritates eyes, nose, and throat.

SECTION 4 - FIRST AID MEASURES

If ingestion, irritation, any type of overexposure or symptoms of overexposure occur during or persists after use of this product, contact a POISON CONTROL CENTER, EMERGENCY ROOM OR PHYSICIAN immediately; have Material Safety Data Sheet information available.

EYE CONTACT:
Remove contact lens and pour a gentle stream of warm water through the affected eye for at least 15 minutes. If irritation persists, contact a poison control center, emergency room, or physician as further treatment may be necessary.

SKIN CONTACT:
If symptoms persist, contact a poison control center, emergency room or physician as further treatment may be necessary.

INHALATION:
Remove from area to fresh air. If symptomatic, contact a poison control center, emergency room or physician for treatment information.

SECTION 5 - FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES
FLASHPOINT: >200 Degrees F (> 93 Degrees C)
FLASHPOINT TEST METHOD:
Pensky-Martens Closed Cup
UEL: Not Available.
LEL: Not Available.
AUTOIGNITION TEMPERATURE:
Not Available.

EXTINGUISHING MEDIA:
Use National Fire Protection Association (NFPA) Class B extinguishers (carbon dioxide, dry chemical or universal aqueous film forming foam) designed to extinguish NFPA Class IIIB combustible liquid fires.
PROTECTION OF FIREFIGHTERS:
Water spray may be ineffective. Water spray may be used to cool closed containers that are exposed to extreme heat. If water is used, fog nozzles are preferable. Firefighters should wear self-contained breathing apparatus and full protective clothing.

UNUSUAL FIRE AND EXPLOSION HAZARDS:
Closed containers may explode or burst (due to the build-up of steam pressure) when exposed to extreme heat. May produce hazardous decomposition products when exposed to extreme heat. Extreme heat includes, but is not limited to, flame cutting, brazing, and welding.

SECTION 6 - ACCIDENTAL RELEASE MEASURE
STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:
Provide maximum ventilation. Only personnel equipped with proper respiratory, skin, and eye protection should be permitted in the area. Remove all sources of ignition. Take up spilled material with sand, vermiculite, or other noncombustible absorbent material and place in clean, empty containers for disposal. Only the spilled material and the absorbent should be placed in this container.

SECTION 7 - HANDLING AND STORAGE
PRECAUTIONS TO BE TAKEN DURING HANDLING AND STORAGE:
If this material is part of a multiple component system, read the Material Safety Data Sheet(s) for the other component or components before blending as the resulting mixture may have the hazards of all of its parts.

STORAGE:
Protect from freezing.

SECTION 8 - EXPOSURE CONTROLS & PERSONAL PROTECTION
ENGINEERING CONTROLS:
Provide general dilution or local exhaust ventilation in volume and pattern to keep the concentration of ingredients listed in Section 2 below the lowest suggested exposure limits, the LEL below the stated limit, and to remove decomposition products during welding or flame cutting.

PERSONAL PROTECTIVE EQUIPMENT
EYES:
Wear chemical-type splash goggles when possibility exists for eye contact due to splashing or spraying liquid, airborne particles, or vapors.

SKIN/GLOVES:
Wear protective clothing to prevent skin contact. Apron and gloves should be constructed of: neoprene rubber or nitrile rubber. No specific penetration/degradation testing has been done on protective clothing for this product. Recommendations for skin protection are based on infrequent contact with this product. For frequent contact or total immersion, contact a manufacturer of protective clothing for appropriate chemical impervious equipment. Clean contaminated clothing and shoes.

RESPIRATOR:
Overexposure to vapors may be prevented by ensuring proper ventilation controls, vapor exhaust or fresh air entry. A NIOSH-approved air purifying respirator with the appropriate chemical cartridges or a positive-pressure, air-supplied respirator may also reduce exposure. Read the respirator manufacturer’s instructions and literature carefully to determine the type of airborne contaminants against which the respirator is effective, its limitations, and how it is to be properly fitted and used. Provide general dilution or local exhaust ventilation in volume and pattern to keep the concentration of ingredients listed in Section 2 below the lowest suggested exposure limits, the LEL below the stated limit, and to remove decomposition products during welding or flame cutting.

GENERAL HYGIENE - ESTABLISHED EXPOSURE LIMITS
If Threshold Limit Values (TLVs) have been established by ACGIH, OSHA, Ontario or PPG, they will be listed below. These limits are intended for use in the practice of industrial hygiene as guidelines or recommendations in the control of potential workplace health hazards. These limits are not a relative index of toxicity and should not be used by anyone without industrial hygiene training.
### Supplemental Health Information:

<table>
<thead>
<tr>
<th>Material/ CAS Number</th>
<th>Percent</th>
<th>LD50 (g/kg)</th>
<th>LD50 (g/kg)</th>
<th>LC50 (mg/l)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-BUTOXY ETHANOL 111-76-2</td>
<td>1 - 5</td>
<td>.47 g/kg</td>
<td>.22 g/kg</td>
<td>Not Available</td>
</tr>
<tr>
<td>DIETHYLENE GLYCOL MONOETHYL ETHER 111-90-0</td>
<td>1 - 5</td>
<td>5.50 g/kg</td>
<td>8.50 g/kg</td>
<td>Not Available</td>
</tr>
</tbody>
</table>

### Section 12 - Ecological Information

#### Potential Environmental Effects

- **Ecotoxicity:** No Information Available.
- **Mobility:** No information available.
- **Biodegradation:** No information available.
- **Bioaccumulation:** No Information Available.

#### Physical/Chemical

- **Hydrolysis:** No information available.
- **Photolysis:** No information available.

### Section 13 - Disposal Considerations

Provide maximum ventilation, only personnel equipped with proper respiratory and skin and eye protection should be permitted in the area. Take up spilled material with sawdust, vermiculite, or other absorbent material and place in containers for disposal. Waste material must be disposed of in accordance with federal, state, provincial and local environmental control regulations. Empty containers should be recycled by an appropriately licensed reconditioner/salvager or disposed of through a permitted waste management facility. Additional disposal information is contained on the Environmental Data Sheet for this product, which can be obtained from your PPG representative.

### Section 14 - Transportation Information

<table>
<thead>
<tr>
<th>Proper Shipping Name</th>
<th>NOS Technical Name</th>
<th>Hazard Class</th>
<th>Subsidiary Class(es)</th>
<th>UN Number</th>
<th>Packing Group</th>
<th>USA - RQ Hazardous Substances</th>
<th>USA-RQ Hazardous Substances</th>
<th>Threshold Ship Weight</th>
<th>Marine Pollutant Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Paint - Non-Regulated Goods</td>
<td>None</td>
<td>None</td>
<td>None</td>
<td>None</td>
<td>None</td>
<td>None</td>
<td>None</td>
<td>None</td>
<td>None</td>
</tr>
</tbody>
</table>

### Section 15 - Regulatory Information

#### Inventory Status

- **U.S. TSCA:** This product and/or all of its components are listed on the U.S. TSCA Inventory or is otherwise exempt from TSCA Inventory reporting requirements.

#### Federal Regulations

<table>
<thead>
<tr>
<th>Material/ CAS Number</th>
<th>Percent</th>
<th>CERCLA HS - RQ (LBS)</th>
<th>SARA EHS- TPQ (LBS)</th>
<th>SARA 313</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-BUTOXY ETHANOL 111-76-2</td>
<td>1 - 5</td>
<td>Not Listed</td>
<td>Not Listed</td>
<td>Not Listed</td>
</tr>
<tr>
<td>DIETHYLENE GLYCOL MONOETHYL ETHER 111-90-0</td>
<td>1 - 5</td>
<td>Not Listed</td>
<td>Not Listed</td>
<td>Not Listed</td>
</tr>
<tr>
<td>(As Glycol ethers) 111-90-0</td>
<td>*</td>
<td>Not Listed</td>
<td>Not Listed</td>
<td>Listed</td>
</tr>
<tr>
<td>(As Glycol ethers) 111-76-2</td>
<td>*</td>
<td>Not Listed</td>
<td>Not Listed</td>
<td>Listed</td>
</tr>
</tbody>
</table>

#### SARA 311/312

- Health (acute): Yes
- Health (chronic): Yes
- Fire (flammable): No
- Pressure: No
- Reactivity: No

**WHMIS HAZARD CLASS:** - Class D, Division 2, Subdivision A - Class D, Division 2, Subdivision B - Class D, Division 1, Subdivision B

#### State/Provincial Regulations

**Additional Information**

- **Key:** IARC- International Agency on the Research of Cancer; ACGIH- American Conference of Governmental Industrial Hygienists; NTP-National Toxicology Program; *Denotes chemical as NTP Known Carcinogen; + Denotes NTP Possible Carcinogen; OSHA-Occupational Safety and Health Administration.

**State/Provincial Regulations**

- **Additional Information**
  - **Key:** IARC- International Agency on the Research of Cancer; ACGIH- American Conference of Governmental Industrial Hygienists; NTP-National Toxicology Program; *Denotes chemical as NTP Known Carcinogen; + Denotes NTP Possible Carcinogen; OSHA-Occupational Safety and Health Administration.

### Section 16 - Other Information

- **Hazard Rating Systems**
  - **NFPA Rating:** 2 10
  - **HMIS Rating:** 2'10
- **Rating System:** 0=Minimal, 1=Slight, 2=Moderate, 3=Serious, 4=Severe, *=Chronic Effects.

- **HMIS=Hazardous Materials Identification System; NFPA=National Fire Protection Association;**

- **Safe handling of this product requires that all of the information on the**
MSDS be evaluated for specific work environments and conditions of use.

PREPARED BY: Product Safety Department
REASON FOR REVISION: Date. Edition.
Updated MSDS format.

This Material Safety Data Sheet has been prepared in accordance with Canada's Workplace Hazardous Materials Information System (WHMIS) and the OSHA Hazard Communication Standard (29 CFR 1910.1200), the supplier notification requirements of SARA Title III, Section 313 and other applicable right-to-know regulations.
Additional environmental information is contained on the Environmental Data Sheet for this product, which can be obtained from your PPG representative.

*** END OF MSDS ***