MATERIAL SAFETY DATA SHEET

PRODUCT NUMBER
E61A570

PRODUCT NAME
KEM AQUA® 70P Water Reducible Metal Primer, Gray

MANUFACTURER’S NAME
THE SHERWIN-WILLIAMS COMPANY
101 Prospect Avenue N.W.
Cleveland, OH 44115

DATE OF PREPARATION
Nov 19, 2010

SECTION 2 — COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>% by Weight</th>
<th>CAS Number</th>
<th>Ingredient</th>
<th>Units</th>
<th>Vapor Pressure</th>
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</thead>
<tbody>
<tr>
<td>11</td>
<td>111-76-2</td>
<td>2-Butoxyethanol</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH TLV</td>
<td>20 PPM</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL</td>
<td>25 PPM</td>
<td></td>
</tr>
<tr>
<td>0.2</td>
<td>14808-60-7</td>
<td>Quartz</td>
<td></td>
<td></td>
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<tr>
<td></td>
<td></td>
<td>ACGIH TLV</td>
<td>0.025 mg/m3 as Resp. Dust</td>
<td>0.88 mm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL</td>
<td>0.1 mg/m3 as Resp. Dust</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>14807-96-6</td>
<td>Talc</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH TLV</td>
<td>2 mg/m3 as Resp. Dust</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL</td>
<td>2 mg/m3 as Resp. Dust</td>
<td></td>
</tr>
<tr>
<td>22</td>
<td>471-34-1</td>
<td>Calcium Carbonate</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH TLV</td>
<td>10 mg/m3 as Dust</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL</td>
<td>15 mg/m3 Total Dust</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL</td>
<td>5 mg/m3 Respirable Fraction</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>13463-67-7</td>
<td>Titanium Dioxide</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH TLV</td>
<td>10 mg/m3 as Dust</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL</td>
<td>10 mg/m3 Total Dust</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL</td>
<td>5 mg/m3 Respirable Fraction</td>
<td></td>
</tr>
<tr>
<td>0.1</td>
<td>1333-86-4</td>
<td>Carbon Black</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH TLV</td>
<td>3.5 MG/M3</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL</td>
<td>3.5 MG/M3</td>
<td></td>
</tr>
</tbody>
</table>

SECTION 3 — HAZARDS IDENTIFICATION

ROUTES OF EXPOSURE
INHALATION of vapor or spray mist.
EYE or SKIN contact with the product, vapor or spray mist.
Contains alcohols and acetates which can be absorbed through the skin.

EFFECTS OF OVEREXPOSURE
EYES: Irritation.
SKIN: Prolonged or repeated exposure may cause irritation.
INHALATION: Irritation of the upper respiratory system.

In a confined area vapors in high concentration may cause headache, nausea or dizziness.
Prolonged overexposure to hazardous ingredients in Section 2 may cause adverse chronic effects to the following organs or systems:
* the liver
* the urinary system
* the hematopoietic (blood-forming) system

SIGNS AND SYMPTOMS OF OVEREXPOSURE
Redness and itching or burning sensation may indicate eye or excessive skin exposure.
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE
None generally recognized.

CANCER INFORMATION
For complete discussion of toxicology data refer to Section 11.

SECTION 4 — FIRST AID MEASURES

EYES: Flush eyes with large amounts of water for 15 minutes. Get medical attention.
SKIN: Wash affected area thoroughly with soap and water. Remove contaminated clothing and launder before re-use.
INHALATION: If affected, remove from exposure. Restore breathing. Keep warm and quiet.
INGESTION: Do not induce vomiting. Get medical attention immediately.

SECTION 5 — FIRE FIGHTING MEASURES

FLASH POINT: Not Applicable
LEL: N.A.
UEL: N.A.
FLAMMABILITY CLASSIFICATION: Not Applicable

EXTINGUISHING MEDIA
Carbon Dioxide, Dry Chemical, Alcohol Foam

UNUSUAL FIRE AND EXPLOSION HAZARDS
Closed containers may explode (due to the build-up of pressure) when exposed to extreme heat.
During emergency conditions overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.

SPECIAL FIRE FIGHTING PROCEDURES
Full protective equipment including self-contained breathing apparatus should be used.
Water spray may be ineffective. If water is used, fog nozzles are preferable. Water may be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat.

SECTION 6 — ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED
Remove all sources of ignition. Ventilate the area.
Remove with inert absorbent.

SECTION 7 — HANDLING AND STORAGE

STORAGE CATEGORY: Not Applicable

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE
Keep container closed when not in use. Transfer only to approved containers with complete and appropriate labeling. Do not take internally.
Keep out of the reach of children.

SECTION 8 — EXPOSURE CONTROLS/PERSONAL PROTECTION

PRECAUTIONS TO BE TAKEN IN USE
Use only with adequate ventilation.
Avoid contact with skin and eyes. Avoid breathing vapor and spray mist.
Wash hands after using.
This coating may contain materials classified as nuisance particulates (listed "as Dust" in Section 2) which may be present at hazardous levels only during sanding or abrading of the dried film. If no specific dusts are listed in Section 2, the applicable limits for nuisance dusts are ACGIH TLV 10 mg/m3 (total dust), 3 mg/m3 (respirable fraction), OSHA PEL 15 mg/m3 (total dust), 5 mg/m3 (respirable fraction).

VENTILATION
Local exhaust preferable. General exhaust acceptable if the exposure to materials in Section 2 is maintained below applicable exposure limits.
Refer to OSHA Standards 1910.94, 1910.107, 1910.108.

RESPIRATORY PROTECTION
If personal exposure cannot be controlled below applicable limits by ventilation, wear a properly fitted organic vapor/particulate respirator approved by NIOSH/MSHA for protection against materials in Section 2.
When sanding or abrading the dried film, wear a dust/mist respirator approved by NIOSH/MSHA for dust which may be generated from this product, underlying paint, or the abrasive.

PROTECTIVE GLOVES
Wear gloves which are recommended by glove supplier for protection against materials in Section 2.

EYE PROTECTION
Wear safety spectacles with unperforated sideshields.

OTHER PROTECTIVE EQUIPMENT
Use of barrier cream on exposed skin is recommended.
SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>PRODUCT WEIGHT</td>
<td>10.67 lb/gal 1279 g/l</td>
</tr>
<tr>
<td>SPECIFIC GRAVITY</td>
<td>1.28</td>
</tr>
<tr>
<td>BOILING POINT</td>
<td>212 - 343 °F 100 - 172 °C</td>
</tr>
<tr>
<td>MELTING POINT</td>
<td>Not Available</td>
</tr>
<tr>
<td>VOLATILE VOLUME</td>
<td>65%</td>
</tr>
<tr>
<td>EVAPORATION RATE</td>
<td>Slower than ether</td>
</tr>
<tr>
<td>VAPOR DENSITY</td>
<td>Heavier than air</td>
</tr>
<tr>
<td>SOLUBILITY IN WATER</td>
<td>N.A.</td>
</tr>
<tr>
<td>pH</td>
<td>8.7</td>
</tr>
<tr>
<td>VOLATILE ORGANIC COMPOUNDS (VOC Theoretical - As Packaged)</td>
<td></td>
</tr>
<tr>
<td>- 2.50 lb/gal 299 g/l</td>
<td>Less Water and Federally Exempt Solvents</td>
</tr>
<tr>
<td>- 1.31 lb/gal 157 g/l</td>
<td>Emitted VOC</td>
</tr>
</tbody>
</table>

SECTION 10 — STABILITY AND REACTIVITY

STABILITY — Stable
CONDITIONS TO AVOID
None known.
INCOMPATIBILITY
None known.
HAZARDOUS DECOMPOSITION PRODUCTS
By fire: Carbon Dioxide, Carbon Monoxide
HAZARDOUS POLYMERIZATION
Will not occur

SECTION 11 — TOXICOLOGICAL INFORMATION

CHRONIC HEALTH HAZARDS
Crystalline Silica (Quartz, Cristobalite) is listed by IARC and NTP. Long term exposure to high levels of silica dust, which can occur only when sanding or abrading the dry film, may cause lung damage (silicosis) and possibly cancer. IARC’s Monograph No. 93 reports there is sufficient evidence of carcinogenicity in experimental rats exposed to titanium dioxide but inadequate evidence for carcinogenicity in humans and has assigned a Group 2B rating. In addition, the IARC summary concludes, “No significant exposure to titanium dioxide is thought to occur during the use of products in which titanium is bound to other materials, such as paint.”
Carbon Black is classified by IARC as possibly carcinogenic to humans (group 2B) based on experimental animal data, however, there is insufficient evidence in humans for its carcinogenicity.

TOXICOLOGY DATA

<table>
<thead>
<tr>
<th>CAS No.</th>
<th>Ingredient Name</th>
<th>LC50 RAT 4HR</th>
<th>LD50 RAT 4HR</th>
<th>pH 470 mg/kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>111-76-2</td>
<td>2-Butoxyethanol</td>
<td>Not Available</td>
<td>Not Available</td>
<td></td>
</tr>
<tr>
<td>14808-60-7</td>
<td>Quartz</td>
<td>Not Available</td>
<td>Not Available</td>
<td></td>
</tr>
<tr>
<td>14807-96-6</td>
<td>Talc</td>
<td>Not Available</td>
<td>Not Available</td>
<td></td>
</tr>
<tr>
<td>471-34-1</td>
<td>Calcium Carbonate</td>
<td>Not Available</td>
<td>Not Available</td>
<td></td>
</tr>
<tr>
<td>13463-67-7</td>
<td>Titanium Dioxide</td>
<td>Not Available</td>
<td>Not Available</td>
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</tr>
<tr>
<td>1333-86-4</td>
<td>Carbon Black</td>
<td>Not Available</td>
<td>Not Available</td>
<td></td>
</tr>
</tbody>
</table>

SECTION 12 — ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION
No data available.
SECTION 13 — DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD
Waste from this product is not hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Incinerate in approved facility. Do not incinerate closed container. Dispose of in accordance with Federal, State/Provincial, and Local regulations regarding pollution.

SECTION 14 — TRANSPORT INFORMATION

US Ground (DOT)
Not Regulated for Transportation.

DOT (Dept of Transportation) Hazardous Substances & Reportable Quantities
Xylenes (isomers and mixture) 100 lb RQ

Canada (TDG)
Not Regulated for Transportation.

IMO
Not Regulated for Transportation.

SECTION 15 — REGULATORY INFORMATION

SARA 313 (40 CFR 372.65C) SUPPLIER NOTIFICATION

<table>
<thead>
<tr>
<th>CAS No.</th>
<th>CHEMICAL/COMPOUND</th>
<th>% by WT</th>
<th>% Element</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Glycol Ethers</td>
<td>11</td>
<td></td>
</tr>
</tbody>
</table>

CALIFORNIA PROPOSITION 65
WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

TSCA CERTIFICATION
All chemicals in this product are listed, or are exempt from listing, on the TSCA Inventory.

SECTION 16 — OTHER INFORMATION

This product has been classified in accordance with the hazard criteria of the Canadian Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR.

The above information pertains to this product as currently formulated, and is based on the information available at this time. Addition of reducers or other additives to this product may substantially alter the composition and hazards of the product. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information.
SECTION 1 — PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NUMBER
E61R572

PRODUCT NAME
KEM AQUA® 70P Water Reducible Metal Primer, Red Oxide

MANUFACTURER’S NAME
THE SHERWIN-WILLIAMS COMPANY
101 Prospect Avenue N.W.
Cleveland, OH 44115

Telephone Numbers and Websites

<table>
<thead>
<tr>
<th>Regulatory Information</th>
<th>(216) 566-2902</th>
</tr>
</thead>
<tbody>
<tr>
<td>Medical Emergency</td>
<td>(216) 566-2917</td>
</tr>
<tr>
<td>Transportation Emergency*</td>
<td>(800) 424-9300</td>
</tr>
</tbody>
</table>

*for Chemical Emergency ONLY (spill, leak, fire, exposure, or accident)

SECTION 2 — COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>% by Weight</th>
<th>CAS Number</th>
<th>Ingredient</th>
<th>Units</th>
<th>Vapor Pressure</th>
</tr>
</thead>
<tbody>
<tr>
<td>11</td>
<td>111-76-2</td>
<td>2-Butoxyethanol</td>
<td>ACGIH TLV</td>
<td>20 PPM</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>OSHA PEL</td>
<td>25 PPM</td>
</tr>
<tr>
<td></td>
<td>14808-60-7</td>
<td>Quartz</td>
<td>ACGIH TLV</td>
<td>0.025 mg/m³ as Resp. Dust</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>OSHA PEL</td>
<td>0.1 mg/m³ as Resp. Dust</td>
</tr>
<tr>
<td>9</td>
<td>14807-96-6</td>
<td>Talc</td>
<td>ACGIH TLV</td>
<td>2 mg/m³ as Resp. Dust</td>
</tr>
<tr>
<td></td>
<td></td>
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<td>OSHA PEL</td>
<td>2 mg/m³ as Resp. Dust</td>
</tr>
<tr>
<td>22</td>
<td>471-34-1</td>
<td>Calcium Carbonate</td>
<td>ACGIH TLV</td>
<td>10 mg/m³ as Dust</td>
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<tr>
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<td></td>
<td></td>
<td>OSHA PEL</td>
<td>15 mg/m³ Total Dust</td>
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<td></td>
<td></td>
<td></td>
<td>OSHA PEL</td>
<td>5 mg/m³ Respirable Fraction</td>
</tr>
</tbody>
</table>

SECTION 3 — HAZARDS IDENTIFICATION

ROUTES OF EXPOSURE
INHALATION of vapor or spray mist.
EYE or SKIN contact with the product, vapor or spray mist.
Contains alcohols and acetates which can be absorbed through the skin.

EFFECTS OF OVEREXPOSURE

EYES: Irritation.
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INHALATION: Irritation of the upper respiratory system.

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Prolonged overexposure to hazardous ingredients in Section 2 may cause adverse chronic effects to the following organs or systems:
* the liver
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SIGNS AND SYMPTOMS OF OVEREXPOSURE
Redness and itching or burning sensation may indicate eye or excessive skin exposure.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE
None generally recognized.

CANCER INFORMATION
For complete discussion of toxicology data refer to Section 11.
SECTION 4 — FIRST AID MEASURES

**EYES:** Flush eyes with large amounts of water for 15 minutes. Get medical attention.

**SKIN:** Wash affected area thoroughly with soap and water. Remove contaminated clothing and launder before re-use.

**INHALATION:** If affected, remove from exposure. Restore breathing. Keep warm and quiet.

**INGESTION:** Do not induce vomiting. Get medical attention immediately.

SECTION 5 — FIRE FIGHTING MEASURES

<table>
<thead>
<tr>
<th>FLASH POINT</th>
<th>LEL</th>
<th>UEL</th>
<th>FLAMMABILITY CLASSIFICATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not Applicable</td>
<td>N.A.</td>
<td>N.A.</td>
<td>Not Applicable</td>
</tr>
</tbody>
</table>

**EXTINGUISHING MEDIA**
Carbon Dioxide, Dry Chemical, Alcohol Foam

**UNUSUAL FIRE AND EXPLOSION HAZARDS**
Closed containers may explode (due to the build-up of pressure) when exposed to extreme heat.
During emergency conditions overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.

**SPECIAL FIRE FIGHTING PROCEDURES**
Full protective equipment including self-contained breathing apparatus should be used.
Water spray may be ineffective. If water is used, fog nozzles are preferable. Water may be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat.

SECTION 6 — ACCIDENTAL RELEASE MEASURES

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED**
Remove all sources of ignition. Ventilate the area.
Remove with inert absorbent.

SECTION 7 — HANDLING AND STORAGE

**STORAGE CATEGORY**
Not Applicable

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE**
Keep container closed when not in use. Transfer only to approved containers with complete and appropriate labeling. Do not take internally.
Keep out of the reach of children.

SECTION 8 — EXPOSURE CONTROLS/PERSONAL PROTECTION

**PRECAUTIONS TO BE TAKEN IN USE**
Use only with adequate ventilation.
Avoid contact with skin and eyes. Avoid breathing vapor and spray mist.
Wash hands after using.
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**RESPIRATORY PROTECTION**
If personal exposure cannot be controlled below applicable limits by ventilation, wear a properly fitted organic vapor/particulate respirator approved by NIOSH/MSHA for protection against materials in Section 2.
When sanding or abrading the dried film, wear a dust/mist respirator approved by NIOSH/MSHA for dust which may be generated from this product, underlying paint, or the abrasive.

**PROTECTIVE GLOVES**
Wear gloves which are recommended by glove supplier for protection against materials in Section 2.

**EYE PROTECTION**
Wear safety spectacles with unperforated sideshields.

**OTHER PROTECTIVE EQUIPMENT**
Use of barrier cream on exposed skin is recommended.
SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>PRODUCT WEIGHT</strong></td>
<td>10.87 lb/gal</td>
</tr>
<tr>
<td><strong>SPECIFIC GRAVITY</strong></td>
<td>1.31</td>
</tr>
<tr>
<td><strong>BOILING POINT</strong></td>
<td>212 - 343 °F</td>
</tr>
<tr>
<td><strong>MELTING POINT</strong></td>
<td>Not Available</td>
</tr>
<tr>
<td><strong>VOLATILE VOLUME</strong></td>
<td>64%</td>
</tr>
<tr>
<td><strong>EVAPORATION RATE</strong></td>
<td>Slower than ether</td>
</tr>
<tr>
<td><strong>VAPOR DENSITY</strong></td>
<td>Heavier than air</td>
</tr>
<tr>
<td><strong>SOLUBILITY IN WATER</strong></td>
<td>N.A.</td>
</tr>
<tr>
<td><strong>pH</strong></td>
<td>8.7</td>
</tr>
<tr>
<td><strong>VOLATILE ORGANIC COMPOUNDS (VOC Theoretical - As Packaged)</strong></td>
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</tr>
<tr>
<td>2.45 lb/gal</td>
<td>294 g/l</td>
</tr>
<tr>
<td>1.30 lb/gal</td>
<td>156 g/l</td>
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</table>

SECTION 10 — STABILITY AND REACTIVITY

**STABILITY** — Stable

**CONDITIONS TO AVOID**
None known.

**INCOMPATIBILITY**
None known.

**HAZARDOUS DECOMPOSITION PRODUCTS**
By fire: Carbon Dioxide, Carbon Monoxide

**HAZARDOUS POLYMERIZATION**
Will not occur

SECTION 11 — TOXICOLOGICAL INFORMATION

**CHRONIC HEALTH HAZARDS**
Crystalline Silica (Quartz, Cristobalite) is listed by IARC and NTP. Long term exposure to high levels of silica dust, which can occur only when sanding or abrading the dry film, may cause lung damage (silicosis) and possibly cancer.

**TOXICOLOGY DATA**

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<th>LD50 RAT 4HR</th>
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</thead>
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<tr>
<td>111-76-2</td>
<td>2-Butoxyethanol</td>
<td>Not Available</td>
<td>470 mg/kg</td>
</tr>
<tr>
<td>14808-60-7</td>
<td>Quartz</td>
<td>Not Available</td>
<td>Not Available</td>
</tr>
<tr>
<td>14807-96-6</td>
<td>Talc</td>
<td>Not Available</td>
<td>Not Available</td>
</tr>
<tr>
<td>471-34-1</td>
<td>Calcium Carbonate</td>
<td>Not Available</td>
<td>Not Available</td>
</tr>
</tbody>
</table>

SECTION 12 — ECOLOGICAL INFORMATION

**ECOTOXICOLOGICAL INFORMATION**
No data available.

SECTION 13 — DISPOSAL CONSIDERATIONS

**WASTE DISPOSAL METHOD**
Waste from this product is not hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Incinerate in approved facility. Do not incinerate closed container. Dispose of in accordance with Federal, State/Provincial, and Local regulations regarding pollution.

SECTION 14 — TRANSPORT INFORMATION

**US Ground (DOT)**
Not Regulated for Transportation.

**DOT (Dept of Transportation) Hazardous Substances & Reportable Quantities**
Xylenes (isomers and mixture) 100 lb RQ
Canada (TDG)
Not Regulated for Transportation.

IMO
Not Regulated for Transportation.

SECTION 15 — REGULATORY INFORMATION

SARA 313 (40 CFR 372.65C) SUPPLIER NOTIFICATION

<table>
<thead>
<tr>
<th>CAS No.</th>
<th>CHEMICAL/COMPOUND</th>
<th>% by WT</th>
<th>% Element</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Glycol Ethers</td>
<td>11</td>
<td></td>
</tr>
</tbody>
</table>

CALIFORNIA PROPOSITION 65
WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

TSCA CERTIFICATION
All chemicals in this product are listed, or are exempt from listing, on the TSCA Inventory.

SECTION 16 — OTHER INFORMATION

This product has been classified in accordance with the hazard criteria of the Canadian Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR.

The above information pertains to this product as currently formulated, and is based on the information available at this time. Addition of reducers or other additives to this product may substantially alter the composition and hazards of the product. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information.
SECTION 1 — PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NUMBER
E61B571

PRODUCT NAME
KEM AQUA® 70P Water Reducible Metal Primer, Primer Black

MANUFACTURER’S NAME
THE SHERWIN-WILLIAMS COMPANY
101 Prospect Avenue N.W.
Cleveland, OH 44115

Telephone Numbers and Websites
<table>
<thead>
<tr>
<th>Regulatory Information</th>
<th>(216) 566-2902</th>
</tr>
</thead>
<tbody>
<tr>
<td>Medical Emergency</td>
<td>(216) 566-2917</td>
</tr>
<tr>
<td>Transportation Emergency*</td>
<td>(800) 424-9300</td>
</tr>
</tbody>
</table>

*for Chemical Emergency ONLY (spill, leak, fire, exposure, or accident)

SECTION 2 — COMPOSITION/INFORMATION ON INGREDIENTS

% by Weight   CAS Number   Ingredient       Units  Vapor Pressure
-------------  ------------  ----------------  ------  ------------
12            111-76-2   2-Butoxyethanol  ACGIH TLV 20 PPM
              OSHA PEL 25 PPM

0.2           14808-60-7  Quartz         ACGIH TLV 0.025 mg/m³ as Resp. Dust
              OSHA PEL 0.1 mg/m³ as Resp. Dust

8             14807-96-6  Talc           ACGIH TLV 2 mg/m³ as Resp. Dust
              OSHA PEL 2 mg/m³ as Resp. Dust

23            471-34-1   Calcium Carbonate ACGIH TLV 10 mg/m³ as Dust
              OSHA PEL 15 mg/m³ Total Dust
              OSHA PEL 5 mg/m³ Respirable Fraction

2             1333-86-4  Carbon Black   ACGIH TLV 3.5 MG/M3
              OSHA PEL 3.5 MG/M3

SECTION 3 — HAZARDS IDENTIFICATION

ROUTES OF EXPOSURE
INHALATION of vapor or spray mist.
EYE or SKIN contact with the product, vapor or spray mist.
Contains alcohols and acetates which can be absorbed through the skin.

EFFECTS OF OVEREXPOSURE
EYES:  Irritation.
SKIN:  Prolonged or repeated exposure may cause irritation.
INHALATION:  Irritation of the upper respiratory system.

In a confined area vapors in high concentration may cause headache, nausea or dizziness.
Prolonged overexposure to hazardous ingredients in Section 2 may cause adverse chronic effects to the following organs or systems:
  • the liver
  • the urinary system
  • the hematopoietic (blood-forming) system

SIGNS AND SYMPTOMS OF OVEREXPOSURE
Redness and itching or burning sensation may indicate eye or excessive skin exposure.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE
None generally recognized.

CANCER INFORMATION
For complete discussion of toxicology data refer to Section 11.
**SECTION 4 — FIRST AID MEASURES**

**EYES:** Flush eyes with large amounts of water for 15 minutes. Get medical attention.

**SKIN:** Wash affected area thoroughly with soap and water. Remove contaminated clothing and launder before re-use.

**INHALATION:** If affected, remove from exposure. Restore breathing. Keep warm and quiet.

**INGESTION:** Do not induce vomiting. Get medical attention immediately.

**SECTION 5 — FIRE FIGHTING MEASURES**

**FLASH POINT** | **LEL** | **UEL** | **FLAMMABILITY CLASSIFICATION**
--- | --- | --- | ---
Not Applicable | N.A. | N.A. | Not Applicable

**EXTINGUISHING MEDIA**
Carbon Dioxide, Dry Chemical, Alcohol Foam

**UNUSUAL FIRE AND EXPLOSION HAZARDS**
Closed containers may explode (due to the build-up of pressure) when exposed to extreme heat. During emergency conditions overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.

**SPECIAL FIRE FIGHTING PROCEDURES**
Full protective equipment including self-contained breathing apparatus should be used. Water spray may be ineffective. If water is used, fog nozzles are preferable. Water may be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat.

**SECTION 6 — ACCIDENTAL RELEASE MEASURES**

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED**
Remove all sources of ignition. Ventilate the area. Remove with inert absorbent.

**SECTION 7 — HANDLING AND STORAGE**

**STORAGE CATEGORY**
Not Applicable

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE**
Keep container closed when not in use. Transfer only to approved containers with complete and appropriate labeling. Do not take internally. Keep out of the reach of children.

**SECTION 8 — EXPOSURE CONTROLS/PERSONAL PROTECTION**

**PRECAUTIONS TO BE TAKEN IN USE**
Use only with adequate ventilation. Avoid contact with skin and eyes. Avoid breathing vapor and spray mist. Wash hands after using. This coating may contain materials classified as nuisance particulates (listed "as Dust" in Section 2) which may be present at hazardous levels only during sanding or abrading of the dried film. If no specific dusts are listed in Section 2, the applicable limits for nuisance dusts are ACGIH TLV 10 mg/m³ (total dust), 3 mg/m³ (respirable fraction), OSHA PEL 15 mg/m³ (total dust), 5 mg/m³ (respirable fraction).

**VENTILATION**
Local exhaust preferable. General exhaust acceptable if the exposure to materials in Section 2 is maintained below applicable exposure limits. Refer to OSHA Standards 1910.94, 1910.107, 1910.108.

**RESPIRATORY PROTECTION**
If personal exposure cannot be controlled below applicable limits by ventilation, wear a properly fitted organic vapor/particulate respirator approved by NIOSH/MSHA for protection against materials in Section 2. When sanding or abrading the dried film, wear a dust/mist respirator approved by NIOSH/MSHA for dust which may be generated from this product, underlying paint, or the abrasive.

**PROTECTIVE GLOVES**
Wear gloves which are recommended by glove supplier for protection against materials in Section 2.

**EYE PROTECTION**
Wear safety spectacles with unperforated sideshields.

**OTHER PROTECTIVE EQUIPMENT**
Use of barrier cream on exposed skin is recommended.
SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

PRODUCT WEIGHT 10.55 lb/gal 1263 g/l
SPECIFIC GRAVITY 1.27
BOILING POINT 212 - 343 °F 100 - 172 °C
MELTING POINT Not Available
VOLATILE VOLUME 64%
EVAPORATION RATE Slower than ether
VAPOR DENSITY Heavier than air
SOLUBILITY IN WATER N.A.
pH 8.7

VOLATILE ORGANIC COMPOUNDS (VOC Theoretical - As Packaged) 2.49 lb/gal 298 g/l Less Water and Federally Exempt Solvents
1.33 lb/gal 160 g/l Emitted VOC

SECTION 10 — STABILITY AND REACTIVITY

STABILITY — Stable
CONDITIONS TO AVOID
None known.
INCOMPATIBILITY
None known.
HAZARDOUS DECOMPOSITION PRODUCTS
By fire: Carbon Dioxide, Carbon Monoxide
HAZARDOUS POLYMERIZATION
Will not occur

SECTION 11 — TOXICOLOGICAL INFORMATION

CHRONIC HEALTH HAZARDS
Crystalline Silica (Quartz, Cristobalite) is listed by IARC and NTP. Long term exposure to high levels of silica dust, which can occur only when sanding or abrading the dry film, may cause lung damage (silicosis) and possibly cancer. Carbon Black is classified by IARC as possibly carcinogenic to humans (group 2B) based on experimental animal data, however, there is insufficient evidence in humans for its carcinogenicity.

TOXICOLOGY DATA

<table>
<thead>
<tr>
<th>CAS No.</th>
<th>Ingredient Name</th>
<th>LC50 RAT</th>
<th>LD50 RAT</th>
<th>Hazard Class</th>
</tr>
</thead>
<tbody>
<tr>
<td>111-76-2</td>
<td>2-Butoxyethanol</td>
<td>Not Available</td>
<td>Not Available</td>
<td>470 mg/kg</td>
</tr>
<tr>
<td>14808-60-7</td>
<td>Quartz</td>
<td>LC50 RAT</td>
<td>LD50 RAT</td>
<td>Not Available</td>
</tr>
<tr>
<td>14807-96-6</td>
<td>Talc</td>
<td>LC50 RAT</td>
<td>LD50 RAT</td>
<td>Not Available</td>
</tr>
<tr>
<td>471-34-1</td>
<td>Calcium Carbonate</td>
<td>LC50 RAT</td>
<td>LD50 RAT</td>
<td>Not Available</td>
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<tr>
<td>1333-86-4</td>
<td>Carbon Black</td>
<td>LC50 RAT</td>
<td>LD50 RAT</td>
<td>Not Available</td>
</tr>
</tbody>
</table>

SECTION 12 — ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION
No data available.

SECTION 13 — DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD
Waste from this product is not hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Incinerate in approved facility. Do not incinerate closed container. Dispose of in accordance with Federal, State/Provincial, and Local regulations regarding pollution.
SECTION 14 — TRANSPORT INFORMATION

US Ground (DOT)
Not Regulated for Transportation.

DOT (Dept of Transportation) Hazardous Substances & Reportable Quantities
Xylenes (isomers and mixture) 100 lb RQ

Canada (TDG)
Not Regulated for Transportation.

IMO
Not Regulated for Transportation.

SECTION 15 — REGULATORY INFORMATION

SARA 313 (40 CFR 372.65C) SUPPLIER NOTIFICATION

<table>
<thead>
<tr>
<th>CAS No.</th>
<th>CHEMICAL/COMPOUND</th>
<th>% by WT</th>
<th>% Element</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Glycol Ethers</td>
<td>12</td>
<td></td>
</tr>
</tbody>
</table>

CALIFORNIA PROPOSITION 65
WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

TSCA CERTIFICATION
All chemicals in this product are listed, or are exempt from listing, on the TSCA Inventory.

SECTION 16 — OTHER INFORMATION

This product has been classified in accordance with the hazard criteria of the Canadian Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR.

The above information pertains to this product as currently formulated, and is based on the information available at this time. Addition of reducers or other additives to this product may substantially alter the composition and hazards of the product. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information.
MATERIAL SAFETY DATA SHEET

E61W573
06 00

DATE OF PREPARATION
Nov 19, 2010

SECTION 1 — PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NUMBER
E61W573

PRODUCT NAME
KEM AQUA® 70P Water Reducible Metal Primer, White

MANUFACTURER’S NAME
THE SHERWIN-WILLIAMS COMPANY
101 Prospect Avenue N.W.
Cleveland, OH 44115

Telephone Numbers and Websites

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<th>CAS Number</th>
<th>Ingredient</th>
<th>Units</th>
<th>Vapor Pressure</th>
</tr>
</thead>
<tbody>
<tr>
<td>11</td>
<td>111-76-2</td>
<td>2-Butoxyethanol</td>
<td>ACGIH TLV</td>
<td>20 PPM</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>OSHA PEL</td>
<td>25 PPM</td>
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<tr>
<td>0.2</td>
<td>14808-60-7</td>
<td>Quartz</td>
<td>ACGIH TLV</td>
<td>0.025 mg/m³ as Resp. Dust</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>OSHA PEL</td>
<td>0.1 mg/m³ as Resp. Dust</td>
</tr>
<tr>
<td>9</td>
<td>14807-96-6</td>
<td>Talc</td>
<td>ACGIH TLV</td>
<td>2 mg/m³ as Resp. Dust</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>OSHA PEL</td>
<td>2 mg/m³ as Resp. Dust</td>
</tr>
<tr>
<td>18</td>
<td>471-34-1</td>
<td>Calcium Carbonate</td>
<td>ACGIH TLV</td>
<td>10 mg/m³ as Dust</td>
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<tr>
<td></td>
<td></td>
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<td>OSHA PEL</td>
<td>15 mg/m³ Total Dust</td>
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<td></td>
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<td>OSHA PEL</td>
<td>5 mg/m³ Respirable Fraction</td>
</tr>
<tr>
<td>10</td>
<td>13463-67-7</td>
<td>Titanium Dioxide</td>
<td>ACGIH TLV</td>
<td>10 mg/m³ as Dust</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>OSHA PEL</td>
<td>10 mg/m³ Total Dust</td>
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EYE or SKIN contact with the product, vapor or spray mist.
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EFFECTS OF OVEREXPOSURE

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| INHALATION: | Irritation of the upper respiratory system. |

In a confined area vapors in high concentration may cause headache, nausea or dizziness.
Prolonged overexposure to hazardous ingredients in Section 2 may cause adverse chronic effects to the following organs or systems:

• the liver
• the urinary system
• the hematopoietic (blood-forming) system

SIGNS AND SYMPTOMS OF OVEREXPOSURE
Redness and itching or burning sensation may indicate eye or excessive skin exposure.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE
None generally recognized.

HMIS Codes

| Health | 2* |
| Flammability | 0 |
| Reactivity | 0 |
SECTION 4 — FIRST AID MEASURES

EYES: Flush eyes with large amounts of water for 15 minutes. Get medical attention.
SKIN: Wash affected area thoroughly with soap and water. Remove contaminated clothing and launder before re-use.
INHALATION: If affected, remove from exposure. Restore breathing. Keep warm and quiet.
INGESTION: Do not induce vomiting. Get medical attention immediately.

SECTION 5 — FIRE FIGHTING MEASURES

FLASH POINT LEL UEL FLAMMABILITY CLASSIFICATION
Not Applicable N.A. N.A. Not Applicable

EXTINGUISHING MEDIA
Carbon Dioxide, Dry Chemical, Alcohol Foam

UNUSUAL FIRE AND EXPLOSION HAZARDS
Closed containers may explode (due to the build-up of pressure) when exposed to extreme heat. During emergency conditions overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.

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STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED
Remove all sources of ignition. Ventilate the area.
Remove with inert absorbent.

SECTION 7 — HANDLING AND STORAGE

STORAGE CATEGORY
Not Applicable

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE
Keep container closed when not in use. Transfer only to approved containers with complete and appropriate labeling. Do not take internally. Keep out of the reach of children.

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PROTECTIVE GLOVES
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EYE PROTECTION
Wear safety spectacles with unperforated sideshields.

OTHER PROTECTIVE EQUIPMENT
Use of barrier cream on exposed skin is recommended.
SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

PRODUCT WEIGHT 11.21 lb/gal 1343 g/l
SPECIFIC GRAVITY 1.35
BOILING POINT 212 - 343 °F 100 - 172 °C
MELTING POINT Not Available
VOLATILE VOLUME 64%
EVAPORATION RATE Slower than ether
VAPOR DENSITY Heavier than air
SOLUBILITY IN WATER N.A.
pH 8.7
VOLATILE ORGANIC COMPOUNDS (VOC Theoretical - As Packaged) 2.43 lb/gal 291 g/l Less Water and Federally Exempt Solvents 1.28 lb/gal 154 g/l Emitted VOC

SECTION 10 — STABILITY AND REACTIVITY

STABILITY — Stable
CONDITIONS TO AVOID
None known.
INCOMPATIBILITY
None known.
HAZARDOUS DECOMPOSITION PRODUCTS
By fire: Carbon Dioxide, Carbon Monoxide
HAZARDOUS POLYMERIZATION
Will not occur

SECTION 11 — TOXICOLOGICAL INFORMATION

CHRONIC HEALTH HAZARDS
Crystalline Silica (Quartz, Cristobalite) is listed by IARC and NTP. Long term exposure to high levels of silica dust, which can occur only when sanding or abrading the dry film, may cause lung damage (silicosis) and possibly cancer. IARC's Monograph No. 93 reports there is sufficient evidence of carcinogenicity in experimental rats exposed to titanium dioxide but inadequate evidence for carcinogenicity in humans and has assigned a Group 2B rating. In addition, the IARC summary concludes, "No significant exposure to titanium dioxide is thought to occur during the use of products in which titanium is bound to other materials, such as paint."

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<td>Not Available</td>
<td>470 mg/kg</td>
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<td>Not Available</td>
<td>Not Available</td>
<td>Not Available</td>
</tr>
<tr>
<td>471-34-1</td>
<td>Calcium Carbonate</td>
<td>Not Available</td>
<td>Not Available</td>
<td>Not Available</td>
<td>Not Available</td>
</tr>
<tr>
<td>13463-67-7</td>
<td>Titanium Dioxide</td>
<td>Not Available</td>
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