1 Identification of the substance and manufacturer

<table>
<thead>
<tr>
<th>Trade name:</th>
<th>MRO DARK GRAY</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product code:</td>
<td>0006201417</td>
</tr>
<tr>
<td>Product category</td>
<td>PC9a Paints and coatings.</td>
</tr>
<tr>
<td>Manufacturer/Ssupplier:</td>
<td>Seymour of Sycamore</td>
</tr>
<tr>
<td></td>
<td>917 Crosby Avenue</td>
</tr>
<tr>
<td></td>
<td>Sycamore, IL 60178</td>
</tr>
<tr>
<td></td>
<td>Phone: 815-895-9101 <a href="http://www.seymourpaint.com">www.seymourpaint.com</a></td>
</tr>
<tr>
<td>Emergency telephone number:</td>
<td>CHEMTTEL 1-800-255-3924, or 813-248-0585.</td>
</tr>
</tbody>
</table>

2 Hazard(s) identification

**Classification of the substance or mixture**
- Flam. Aerosol 1 H222 Extremely flammable aerosol.
- Press. Gas H280 Contains gas under pressure; may explode if heated.
- Eye Irrit. 2A H319 Causes serious eye irritation.
- STOT SE 3 H336 May cause drowsiness or dizziness.
- STOT RE 2 H373 May cause damage to organs through prolonged or repeated exposure.

**GHS Hazard pictograms**

- GHS02
- GHS04
- GHS07
- GHS08

**Signal word**
- Danger

**Hazard statements**
- Contains gas under pressure; may explode if heated.
- Causes serious eye irritation.
- May cause drowsiness or dizziness.
- May cause damage to organs through prolonged or repeated exposure.

**Precautionary statements**
- Keep away from heat/sparks/open flames/hot surfaces. No smoking.
- Do not spray on an open flame or other ignition source.
- Do not pierce or burn, even after use.
- Wash hands thoroughly after handling.
- Use only outdoors or in a well-ventilated area.
- Wear protective gloves/protective clothing/eye protection/face protection.
- Do not breathe dust/fume/gas/mist/vapors/spray.
- IF INHALED: Remove person to fresh air and keep comfortable for breathing.
- If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- Call a POISON CENTER/doctor if you feel unwell.
- If eye irritation persists: Get medical advice/attention.
- Store locked up.
- Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.
- Protect from sunlight. Store in a well-ventilated place.
- Store in a well-ventilated place. Keep container tightly closed.
- Dispose of contents/container in accordance with local/regional/national/international regulations.

3 Composition/information on ingredients

**Chemical characterization: Mixtures**

This product is a mixture of the substances listed below with nonhazardous additions.

**Dangerous components:**
- 67-64-1 Acetone 20.02%
- 74-98-6 propane 15.74%
- 106-97-8 n-butane 9.25%
- 7727-43-7 barium sulfate, natural 8.44%
- 108-10-1 methyl isobutyl ketone 5.85%
- 2807-30-9 Glycol Ether EP 5.41%
- 13463-67-7 titanium dioxide 4.78%
- 107-87-9 Methyl Propyl Ketone 3.0%
- 110-19-0 isobutyl acetate 2.98%
- 1330-20-7 xylene (mix) 2.58%

4 First-aid measures

**After inhalation:**
Supply fresh air; consult doctor in case of complaints.

**After skin contact:**
Remove contaminated clothing. Wash exposed area with soap and water.

**After eye contact:**
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

**After swallowing:**
Rinse out mouth and then drink plenty of water.
Rinse mouth with water. Do not induce vomiting.

**Most important symptoms and effects:**
Dizziness

**Indication of any immediate medical attention needed:**
No further relevant information available.

5 Fire-fighting measures

**Extinguishing agents:**
CO2, extinguishing powder or water spray. Fight larger fires with water spray.

**Special hazards:**
Can form explosive gas-air mixtures.
Protective equipment for firefighters:
A respiratory protective device may be necessary.

6 Accidental release measures
Personal precautions, protective equipment and emergency procedures:
Wear protective equipment. Keep unprotected persons away.
Methods and material for containment and cleaning up:
Ensure adequate ventilation.

7 Handling and storage
Precautions for safe handling:
Use only in well ventilated areas.
Storage requirements:
Keep away from sources of heat and direct sunlight. Do not warehouse in subfreezing conditions. Store locked up.

8 Exposure controls/personal protection

<table>
<thead>
<tr>
<th>Components with limit values that require monitoring at the workplace:</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>67-64-1 Acetone</strong></td>
</tr>
<tr>
<td>PEL (USA) Long-term value: 2400 mg/m³, 1000 ppm</td>
</tr>
<tr>
<td>REL (USA) Long-term value: 590 mg/m³, 250 ppm</td>
</tr>
<tr>
<td>TLV (USA) Short-term value: 1187 mg/m³, 500 ppm</td>
</tr>
<tr>
<td>Long-term value: 594 mg/m³, 250 ppm</td>
</tr>
<tr>
<td>BEI</td>
</tr>
<tr>
<td><strong>74-98-6 propane</strong></td>
</tr>
<tr>
<td>PEL (USA) Long-term value: 1800 mg/m³, 1000 ppm</td>
</tr>
<tr>
<td>REL (USA) Long-term value: 1800 mg/m³, 1000 ppm</td>
</tr>
<tr>
<td>TLV (USA) refer to Appendix F inTLVs and BEIs book</td>
</tr>
<tr>
<td><strong>106-97-9 n-butane</strong></td>
</tr>
<tr>
<td>REL (USA) Long-term value: 1900 mg/m³, 800 ppm</td>
</tr>
<tr>
<td>TLV (USA) Short-term value: 2370 mg/m³, 1000 ppm</td>
</tr>
<tr>
<td><strong>7727-43-7 barium sulfate, natural</strong></td>
</tr>
<tr>
<td>PEL (USA) Long-term value: 15* 5** mg/m³</td>
</tr>
<tr>
<td>*total dust **respirable fraction</td>
</tr>
<tr>
<td>REL (USA) Long-term value: 10* 5** mg/m³</td>
</tr>
<tr>
<td>*total dust **respirable fraction</td>
</tr>
<tr>
<td>TLV (USA) Long-term value: 5* mg/m³</td>
</tr>
<tr>
<td>*inhalable fraction; E</td>
</tr>
<tr>
<td><strong>108-10-1 methyl isobutyl ketone</strong></td>
</tr>
<tr>
<td>PEL (USA) Long-term value: 410 mg/m³, 100 ppm</td>
</tr>
<tr>
<td>REL (USA) Short-term value: 300 mg/m³, 75 ppm</td>
</tr>
<tr>
<td>Long-term value: 205 mg/m³, 50 ppm</td>
</tr>
<tr>
<td>TLV (USA) Short-term value: 307 mg/m³, 75 ppm</td>
</tr>
<tr>
<td>Long-term value: 82 mg/m³, 20 ppm</td>
</tr>
<tr>
<td>BEI</td>
</tr>
<tr>
<td><strong>107-87-9 Methyl Propyl Ketone</strong></td>
</tr>
<tr>
<td>PEL (USA) Long-term value: 700 mg/m³, 200 ppm</td>
</tr>
<tr>
<td>REL (USA) Long-term value: 530 mg/m³, 150 ppm</td>
</tr>
<tr>
<td>TLV (USA) Short-term value: 529 mg/m³, 150 ppm</td>
</tr>
<tr>
<td><strong>110-19-0 isobutyl acetate</strong></td>
</tr>
<tr>
<td>PEL (USA) Long-term value: 700 mg/m³, 150 ppm</td>
</tr>
<tr>
<td>REL (USA) Long-term value: 700 mg/m³, 150 ppm</td>
</tr>
<tr>
<td>TLV (USA) Short-term value: NIC-712 mg/m³, NIC-150 ppm</td>
</tr>
<tr>
<td>Long-term value: (713) NIC-236 mg/m³, (150) NIC-50 ppm</td>
</tr>
<tr>
<td><strong>1330-20-7 xylene (mix)</strong></td>
</tr>
<tr>
<td>PEL (USA) Long-term value: 435 mg/m³, 100 ppm</td>
</tr>
<tr>
<td>REL (USA) Short-term value: 655 mg/m³, 150 ppm</td>
</tr>
<tr>
<td>Long-term value: 435 mg/m³, 100 ppm</td>
</tr>
<tr>
<td>TLV (USA) Short-term value: 651 mg/m³, 150 ppm</td>
</tr>
<tr>
<td>Long-term value: 434 mg/m³, 100 ppm</td>
</tr>
<tr>
<td>BEI</td>
</tr>
</tbody>
</table>

Ingredients with biological limit values:

| **67-64-1 Acetone**                                          |
| BEI (USA) 50 mg/L                                           |
| Medium: urine                                               |
| Time: end of shift                                          |
| Parameter: Acetone (nonspecific)                            |
| **108-10-1 methyl isobutyl ketone**                          |

(Contd. on page 3)
Hygienic protection: Keep away from foodstuffs and animal feed. Wash hands after use. Immediately remove all soiled and contaminated clothing. Wash hands after use. Avoid contact with the eyes and skin. Do not eat or drink while working. Immediately remove all soiled and contaminated clothing. Wash hands after use.

Breathing equipment: A respirator is generally not necessary when using this product outdoors or in large open areas. In cases where short and/or long term overexposure exists, a charcoal filter respirator should be worn. If you suspect overexposure conditions exist, please consult an authority on chemical hygiene.

Hand protection: Nitrile gloves. The glove material must be impermeable and resistant to the substance.

Eye protection: Tightly sealed goggles.

9 Physical and chemical properties

Appearance: Aerosol.
Odor: Aromatic
Odor threshold: Not determined.
pH-value: Not determined.
Melting point/Melting range: Undetermined.
Boiling point: -44 °C (-47 °F)
Flash point: -19 °C (-2 °F)
Flammability (solid, gas): Extremely flammable.
Decomposition temperature: Not determined.
Auto igniting: Product is not self-igniting.
Danger of explosion: In use, may form flammable/explosive vapour-air mixture.
Lower Explosion Limit: 1.7 Vol %
Upper Explosion Limit: 10.9 Vol %
Vapor pressure: Not determined.
Relative Density: Between 0.77 and 0.85 (Water equals 1.00)
Vapour density: Not determined.
Evaporation rate: Not applicable.
Partition coefficient: n-octanol/water: Not determined.
Solubility: Not determined.
Viscosity: Not determined.
VOC content: 495.6 g/l / 4.14 lb/gl
VOC content (less exempt solvents): 46.2 %
MIR Value: 1.10
Solids content: 33.3 %

10 Stability and reactivity

Reactivity: Stable at normal temperatures.
Conditions to avoid: Do not allow can to exceed 120 degrees Fahrenheit. Do not warehouse in subfreezing temperatures.
Chemical stability: Not fully evaluated.
Possibility of hazardous reactions: No dangerous reactions known.
Incompatible materials: No further relevant information available.
Hazardous decomposition: No dangerous decomposition products known.

11 Toxicological information

LD/LC50 values that are relevant for classification:

<table>
<thead>
<tr>
<th>Substance</th>
<th>Route</th>
<th>LD50/LC50 (mg/kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>106-97-8 n-butane</td>
<td>Inhalation</td>
<td>LC50/4 h 658 mg/l (rat)</td>
</tr>
<tr>
<td>108-10-1 methyl isobutyl ketone</td>
<td>Oral</td>
<td>LD50 2100 mg/kg (rat)</td>
</tr>
<tr>
<td></td>
<td>Dermal</td>
<td>LD50 16000 mg/kg (rab)</td>
</tr>
<tr>
<td></td>
<td>Inhalation</td>
<td>LC50/4 h 8,3-16,6 mg/l (rat)</td>
</tr>
<tr>
<td>13463-67-7 titanium dioxide</td>
<td>Oral</td>
<td>LD50 &gt;20000 mg/kg (rat)</td>
</tr>
<tr>
<td></td>
<td>Dermal</td>
<td>LD50 &gt;10000 mg/kg (rab)</td>
</tr>
<tr>
<td></td>
<td>Inhalation</td>
<td>LC50/4 h &gt;8,82 mg/l (rat)</td>
</tr>
</tbody>
</table>
### 110-19-0 isobutyl acetate
- **Oral LD50:** 14763 mg/kg (rat)
- **Dermal LD50:** 8700 mg/kg (rat)
- **Inhalative LC50/4 h:** 6350 mg/l (rat)

### 1330-20-7 xylene (mix)
- **Oral LD50:** 2000 mg/kg (rat)
- **Dermal LD50:** 8700 mg/kg (rat)
- **Inhalative LC50/4 h:** 6350 mg/l (rat)

#### Information on toxicological effects:
- **No data available.**

#### Skin effects:
- **No irritant effect.**

#### Eye effects:
- **Irritating effect.**

#### Sensitization:
- **No sensitizing effects known.**

### Carcinogenic categories
- **IARC (International Agency for Research on Cancer):**
  - 108-10-1 methyl isobutyl ketone: 2B
  - 1330-20-7 xylene (mix): 3

- **NTP (National Toxicology Program):**
  - None of the ingredients is listed.

### 12 Ecological information
- **Aquatic toxicity:** Hazardous for water, do not empty into drains.
- **Persistence and degradability:** The product is degradable after prolonged exposure to natural weathering processes.
- **Bioaccumulative potential:** No further relevant information available.
- **Mobility in soil:** No further relevant information available.
- **Other adverse effects:** No further relevant information available.

### 13 Disposal considerations
- Dispose of in accordance with local, state, and federal regulations. Do not puncture, incinerate, or compact. Partially empty cans must be disposed of responsibly. Do not heat or cut empty containers with electric or gas torches.
- **Recommendation:** Completely empty cans should be recycled.

### 14 Transport information
- **UN-Number:** UN1950
- **DOT:** N/A
- **DOT Consumer Commodity ORM-D:** Aerosols, flammable
- **ADR:** 1950 Aerosols
- **Transport hazard class(es):** Class 2.1
- **Marine pollutant:** No
- **Special precautions for user:** Warning: Gases
- **EMS Number:** F-D,S-U
- **Packaging Group:** --
- **UN "Model Regulation":** UN1950, Aerosols, 2.1

### 15 Regulatory information
- **SARA Section 355 (extremely hazardous substances):** None of the ingredients in this product are listed.
- **SARA Section 313 (Specific toxic chemical listings):**
  - 7727-43-7 barium sulfate, natural
  - 108-10-1 methyl isobutyl ketone
  - 1330-20-7 xylene (mix)
- **CPSC:** This product complies with 16 CFR 1303 and does not contain more than 90 ppm of lead.
- **California Proposition 65 chemicals known to cause cancer:**
  - 108-10-1 methyl isobutyl ketone
  - 13463-67-7 titanium dioxide
  - 100-41-4 ethyl benzene
  - 1333-86-4 Carbon black
- **CANADIAN ENVIRONMENTAL PROTECTION ACT:** All hazardous ingredients for this product appear on the Canadian Domestic Substance List.
- **WHMIS Symbols for Canada:**
  - **A - Compressed gas**
  - **D2B - Toxic material causing other toxic effects**

### EPA:
- 67-64-1 Acetone
- 7727-43-7 barium sulfate, natural
- 108-10-1 methyl isobutyl ketone

(Contd. on page 5)
### Trade name: MRO DARK GRAY

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>110-19-0</td>
<td>isobutyl acetate</td>
</tr>
<tr>
<td>1330-20-7</td>
<td>xylene (mix)</td>
</tr>
</tbody>
</table>

#### USDA (United States Department of Agriculture):

Category 21: This product was manufactured to conform to the USDA Food Safety and Inspection Service performance standards. These standards include, but are not limited to, the ability of this product to be safe for use in official meat and poultry establishments, and to perform well under a daily regimen of thorough cleaning, cyclical temperature change, and wet conditions. This product may be used where there is a possibility of incidental food contact.

### 16 Other information

- **Contact:** Regulatory Affairs
- **Date of preparation / last revision:** 01/26/2016 / -