1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: KWS5500.2G
Product Name: JASCO PREMIUM PAINT & EPOXY REMOVER AEROSOL
Company Name: W. M. Barr
2105 Channel Avenue
Memphis, TN 38113
Phone Number: (901)775-0100

Web site address: www.wmbarr.com
Emergency Contact: 3E 24 Hour Emergency Contact
(800)451-8346
Information: W.M. Barr Customer Service
(800)398-3892

Intended Use: Paint/Varnish Remover
Product Code: EJPR502SC

2. HAZARDS IDENTIFICATION

Flammable Aerosols, Category 2
Gas Under Pressure, Liquefied gas
Simple Asphyxiant
Skin Corrosion/Irritation, Category 1B
Serious Eye Damage/Eye Irritation, Category 1
Germ Cell Mutagenicity, Category 1B
Carcinogenicity, Category 1B
Specific Target Organ Toxicity (single exposure), Category 3
Specific Target Organ Toxicity (repeated exposure), Category 2

GHS Signal Word: Danger
GHS Hazard Phrases:
H223: Flammable aerosol.
H280: Containers gas under pressure; may explode if heated.
H314: Causes severe skin burns and eye damage.
H318: Causes serious eye damage.
H336: May cause drowsiness or dizziness.
H340: May cause genetic defects.
H350: May cause cancer.
H373: May cause damage to organs through prolonged or repeated exposure.
HUS1: May displace oxygen and cause rapid suffocation.

GHS Precautionary Phrases:
P201: Obtain special instructions before use.
P202: Do not handle until all safety precautions have been read and understood.
P210: Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P211: Do not spray on an open flame or any other ignition source.
P251: Pressurized container: Do not pierce or burn, even after use.
P260: Do not breathe gas/mist/vapors/spray.
P264: Wash hands thoroughly after handling.
P271: Use only outdoors or in a well-ventilated area.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P281: Use personal protective equipment as required.

GHS Response Phrases:
P301+330+331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303+361+353: IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing.
Rinse skin with water/shower.
P304+340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
GHS Storage and Disposal

Phrases:
P403+233: Store container tightly closed in well-ventilated place.
P405: Store locked up.
P410+403: Protect from sunlight and store in well-ventilated place.
P412: Do not expose to temperatures exceeding 50 °C/122 °F.
P501: Dispose of contents/container according to local, state and federal regulations.

OSHA Regulatory Status:
This material is classified as hazardous under OSHA regulations.

GHS format

3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>CAS #</th>
<th>Hazardous Components (Chemical Name)</th>
<th>Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>67-64-1</td>
<td>Acetone (2-Propanone)</td>
<td>30.0 -60.0 %</td>
</tr>
<tr>
<td>67-68-5</td>
<td>Methyl sulfoxide (Dimethyl sulfoxide; DMSO)</td>
<td>10.0 -30.0 %</td>
</tr>
<tr>
<td>1330-20-7</td>
<td>Xylene (mixed isomers) (Benzene, dimethyl-)</td>
<td>10.0 -30.0 %</td>
</tr>
<tr>
<td>68476-86-8</td>
<td>Liquified petroleum gas, sweetened (propane, isobutane, n-butane)</td>
<td>7.0 -13.0 %</td>
</tr>
<tr>
<td>100-41-4</td>
<td>Ethylbenzene (Ethylbenzol; Phenylethane)</td>
<td>1.0 -5.0 %</td>
</tr>
<tr>
<td>68439-46-3</td>
<td>Alcohol ethoxylate (Alcohols, C9-11, Ethoxylated)</td>
<td>0.1 -1.0 %</td>
</tr>
<tr>
<td>98-82-8</td>
<td>Cumene (Benzene, 1-Methylethyl-; Isopropylbenzene)</td>
<td>0.1 -1.0 %</td>
</tr>
<tr>
<td>110-91-8</td>
<td>Morpholine (Diethylene imidoxide)</td>
<td>0.1 -1.0 %</td>
</tr>
<tr>
<td>66455-14-9</td>
<td>Alcohols, C12-13, ethoxylated</td>
<td>0.1 -1.0 %</td>
</tr>
</tbody>
</table>

Additional Chemical Information
Specific percentage of composition is being withheld as a trade secret.

4. FIRST AID MEASURES

Emergency and First Aid

Procedures:
Skin:
Immediately begin washing the skin thoroughly with large amounts of water and mild soap, if available, while removing contaminated clothing. Seek medical attention if irritation persists.

Eyes:
Immediately begin to flush eyes with water, remove any contact lens. Continue to flush the eyes for at least 15 minutes, then seek immediate medical attention.

Inhalation:
Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention.

Ingestion:
If swallowed, do NOT induce vomiting. Seek immediate medical attention. Call a physician, hospital emergency room, or poison control center immediately. Never give anything by mouth to an unconscious person.

Signs and Symptoms Of Exposure:
See Section 2.
5. FIRE FIGHTING MEASURES

Level 3

Flash Pt: 0.00 F  Method Used: Setaflash Closed Cup (Rapid Setaflash)
Explosive Limits: LEL: No data. UEL: No data.
Autoignition Pt: No data.
Suitable Extinguishing Media: Use carbon dioxide, dry powder, or alcohol resistant foam.
Unsuitable Extinguishing Media: Do not use straight streams of water. If water is used, use a water spray or fog.
Fire Fighting Instructions: Self-contained respiratory protection should be provided for fire fighters fighting fires in buildings or confined areas. Storage containers exposed to fire should be kept cool with water spray to prevent pressure build-up. Stay away from heads of containers that have been exposed to intense heat or flame.

Flammable Properties and Hazards: Danger! Flammable. Keep away from heat, sparks, flame, and all other sources of ignition. Do not smoke. Extinguish all flames and pilot lights, and turn off stoves, heaters, electric motors and all other sources of ignition during use and until all vapors are gone. Beware of static electricity that may be generated by synthetic clothing and other sources.

Hazardous Combustion Products: Carbon monoxide, carbon dioxide, sulfur oxides, hydrogen sulfide

6. ACCIDENTAL RELEASE MEASURES

Steps To Be Taken In Case Material Is Released Or Spilled: Vapors may cause flash fire or ignite explosively.

Clean up: Keep unnecessary people away; isolate hazard area and deny entry. Stay upwind, out of low areas, and ventilate closed spaces before entering. Shut off ignition sources; keep flames, smoking or flames out of hazard area. Use non-sparking tools. Use proper bonding and grounding methods for all equipment and processes. Keep out of waterways and bodies of water. Be cautious of vapors collecting in small enclosed spaces, sewers, low lying areas, confined spaces, etc.

Waste Disposal: Dispose in accordance with applicable local, state and federal regulations.

7. HANDLING AND STORAGE

Precautions To Be Taken in Handling: Read carefully all cautions and directions on product label before use. Since empty container retains residue, follow all label warnings even after container is empty. Dispose of empty container according to all regulations. Do not reuse this container.

Do not use this product near any source of heat or open flame, furnace areas, pilot lights, stoves, etc.

Do not use in small enclosed spaces, such as basements and bathrooms. Vapors can accumulate and explode if ignited.

Do not spread this product over large surface areas because fire and health safety risks will increase dramatically.

Precautions To Be Taken in Storage: Store in a cool place in original container and protect from sunlight. Exposure to high temperatures...
### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

<table>
<thead>
<tr>
<th>CAS #</th>
<th>Chemical Name</th>
<th>Jurisdiction</th>
<th>Recommended Exposure Limits</th>
<th>Notations</th>
</tr>
</thead>
<tbody>
<tr>
<td>67-64-1</td>
<td>Acetone (2-Propanone)</td>
<td>ACGIH TLV</td>
<td>TLV: 500 ppm</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PELs</td>
<td>STEL: 750 ppm</td>
<td></td>
</tr>
<tr>
<td>1330-20-7</td>
<td>Xylene (mixed isomers)</td>
<td>ACGIH TLV</td>
<td>TLV: 100 ppm</td>
<td></td>
</tr>
<tr>
<td></td>
<td>(Benzene, dimethyl-)</td>
<td>OSHA PELs</td>
<td>STEL: 150 ppm</td>
<td></td>
</tr>
<tr>
<td>100-41-4</td>
<td>Ethylbenzene</td>
<td>ACGIH TLV</td>
<td>TLV: 20 ppm</td>
<td></td>
</tr>
<tr>
<td></td>
<td>{Ethylbenzol; Phenylethane}</td>
<td>OSHA PELs</td>
<td>STEL: 125 ppm</td>
<td></td>
</tr>
<tr>
<td>98-82-8</td>
<td>Cumene (Benzene, 1-Methylethyl-</td>
<td>ACGIH TLV</td>
<td>TLV: 50 ppm</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Isopropylbenzene)</td>
<td>OSHA PELs</td>
<td>PEL: 50 ppm</td>
<td></td>
</tr>
<tr>
<td>110-91-8</td>
<td>Morpholine (Diethyleneimidoxide)</td>
<td>OSHA PELs</td>
<td>PEL: 20 ppm</td>
<td></td>
</tr>
</tbody>
</table>

**Respiratory Equipment (Specify Type):**

For use in areas with inadequate ventilation or fresh air, wear a properly maintained and properly fitted NIOSH approved self-contained breathing apparatus or powered air supply respirator or loose fitting hood.

For OSHA controlled work places and other regular users - Use only with adequate ventilation under engineered air control systems designed to prevent exceeding the appropriate TLV.

A dust mask does not provide protection against vapors.

**Eye Protection:**

Chemical goggles, or face shields are recommended to safeguard against potential eye contact, irritation, or injury. Chemical goggles or face shields are recommended when splashing or spraying of chemical is possible. A faceshield provides more protection to help reduce chemical contact to the face and eyes.

**Protective Gloves:**

Wear gloves with as much resistance to the chemical ingredients as possible. Laminate film gloves offer the best protection. Consult your glove supplier for additional information. Gloves contaminated with product should be discarded and not reused.

**Other Protective Clothing:**

Various application methods can dictate use of additional protective safety equipment, such as impermeable aprons, etc., to minimize exposure. Before reuse, thoroughly clean any clothing or protective equipment that has been contaminated by prior use. Discard any clothing or other protective equipment that cannot be decontaminated, such as gloves or shoes.

**Engineering Controls (Ventilation etc.):**

Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits.

Use only with adequate ventilation to prevent buildup of vapors. If the work area is not well ventilated, DO NOT use this product. Do not use in areas where vapors can accumulate and concentrate, such as basements, bathrooms or small enclosed areas.
Whenever possible, use outdoors in an open air area. If using indoors open all windows and doors and maintain a cross ventilation of moving fresh air across the work area. If strong odor is noticed or you experience slight dizziness, headache, nausea or eye-watering -- STOP -- ventilation is inadequate. Leave area immediately and move to fresh air.

Work/Hygienic/Maintenance Practices:

Wash hands thoroughly after use and before eating, drinking, or smoking.

Do not eat, drink, or smoke in the work area.

Facilities storing or handling this material should be equipped with an emergency eyewash and safety shower.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical States:  [X] Gas  [ ] Liquid  [ ] Solid

Appearance and Odor:  Opaque viscous liquid

Aromatic Odor

pH:  No data.

Melting Point:  No data.

Boiling Point:  > 99.90 F

Flash Pt:  0.00 F  Method Used:  Setash Flash Closed Cup (Rapid Setashflash)

Evaporation Rate:  < 1 (BuAC=1)

Flammability (solid, gas):  No data available.

Explosive Limits:  LEL:  No data.  UEL:  No data.

Vapor Pressure (vs. Air or mm Hg):  No data.

Vapor Density (vs. Air = 1):  No data.

Specific Gravity (Water = 1):  0.8522 - .9063

Density:  7.34 - 7.54 LB/GL

Solubility in Water:  No data.

Solubility Notes:  Appreciable

Octanol/Water Partition Coefficient:  No data.

Percent Volatile:  95.34 % by weight.

VOC / Volume:  49.1200 % WT

Autoignition Pt:  No data.

Decomposition Temperature:  No data.

Viscosity:  > 2500 cSt

Additional Physical Information:  Flash point is for liquid contents.

10. STABILITY AND REACTIVITY

Stability:  Unstable [ ]  Stable [ X ]

Conditions To Avoid - Instability:  Stable

Incompatibility - Materials To Avoid:  Bases, oxygen, sodium, potassium, strong oxidizers, reactive metals, strong acids

Hazardous Decomposition or Byproducts:  Carbon monoxide, carbon dioxide

Possibility of Hazardous Reactions:  Will occur [ ]  Will not occur [ X ]

Conditions To Avoid - Hazardous Reactions:  Will not occur.

Reactions:  

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11. TOXICOLOGICAL INFORMATION

Toxicological Information:
This product has not been tested as a whole. Refer to section 2 for acute and chronic effects.

CAS# 67-64-1:
Standard Draize Test, Eyes, Species: Rabbit, 20.00 MG, Severe.
Result:
Behavioral: Change in motor activity (specific assay).
Behavioral: Alteration of classical conditioning.
Chicago, IL 60611, Vol/p/yr: 29,1363, 1946

CAS# 1330-20-7:
Acute toxicity, LC50, Inhalation, Rat, 5000. PPM, 4 H.
Result:
Behavioral: Muscle contraction or spasticity.
Lungs, Thorax, or Respiration: Other changes.
Research Institute, Francis McDonald Sinclair Memorial Labor, Lehigh Univ., Bethlehem, PA
18015, Vol/p/yr: 1,123, 1974
Standard Draize Test, Eyes, Species: Rabbit, 5.000 MG, 24 H, Severe.
Result:
Behavioral: General anesthetic.
Behavioral: Somnolence (general depressed activity).
Behavioral: Irritability.
- "Sbornik Vysledku Toxixologickeho Vysetreni Latek A Pripravku," , Institut Pro Vychovou
Vedoucic P, Marhold, J.V., Institut Pro Vychovu Vedoucic, Pracovniku Chemickeho, Prumyclu

CAS# 100-41-4:
Tumorigenic Effects:, TCLo, Inhalation, Rat, 750.0 ppm.
Result:
Tumorigenic: Carcinogenic by RTECS criteria.
Kidney, Ureter, Bladder: Tumors.
Standard Draize Test, Eyes, Species: Rabbit, 500.0 MG, Severe.
Result:
Effects on Fertility: Post-implantation mortality (e.g., dead and/or resorbed implants per total
number of implants).
Effects on Fertility: Litter size (e.g.; # fetuses per litter; measured before birth).
Effects on Embryo or Fetus: Fetotoxicity (except death, e.g., stunted fetus).
Chicago, IL 60611, Vol/p/yr: 29,1363, 1946

CAS# 68439-46-3:
Acute toxicity, LD50, Oral, Rat, 1378. MG/KG.
Result:
Behavioral: Somnolence (general depressed activity).
Behavioral: Ataxia.
Gastrointestinal: Hypermotility, diarrhea.
Chronic Toxicological Effects: This product has not been tested as a whole.

Carcinogenicity/Other Information:
- IARC 2B - Possibly Carcinogenic to Humans
- IARC 3: Not Classifiable as to Carcinogenicity in Humans
- ACGIH A3 - Confirmed Animal Carcinogen with Unknown Relevance to Humans
- ACGIH A4 - Not Classifiable as a Human Carcinogen.

### CAS # Hazardous Components (Chemical Name) NTP IARC ACGIH OSHA

<table>
<thead>
<tr>
<th>CAS #</th>
<th>Hazardous Components (Chemical Name)</th>
<th>NTP</th>
<th>IARC</th>
<th>ACGIH</th>
<th>OSHA</th>
</tr>
</thead>
<tbody>
<tr>
<td>67-64-1</td>
<td>Acetone (2-Propanone)</td>
<td>n.a.</td>
<td>n.a.</td>
<td>A4</td>
<td>n.a.</td>
</tr>
<tr>
<td>67-68-5</td>
<td>Methyl sulfoxide {Dimethyl sulfoxide; DMSO}</td>
<td>n.a.</td>
<td>n.a.</td>
<td>n.a.</td>
<td>n.a.</td>
</tr>
<tr>
<td>1330-20-7</td>
<td>Xylene (mixed isomers) (Benzene, dimethyl-)</td>
<td>n.a.</td>
<td>3</td>
<td>A4</td>
<td>n.a.</td>
</tr>
<tr>
<td>68476-86-8</td>
<td>Liquified petroleum gas, sweetened {propane, isobutane, n-butane}</td>
<td>n.a.</td>
<td>n.a.</td>
<td>n.a.</td>
<td>n.a.</td>
</tr>
<tr>
<td>100-41-4</td>
<td>Ethylbenzene (Ethylbenzol; Phenylethane)</td>
<td>n.a.</td>
<td>2B</td>
<td>A3</td>
<td>n.a.</td>
</tr>
<tr>
<td>68439-46-3</td>
<td>Alcohol ethoxylate (Alcohols, C9-11, Ethoxylated)</td>
<td>n.a.</td>
<td>n.a.</td>
<td>n.a.</td>
<td>n.a.</td>
</tr>
<tr>
<td>98-82-8</td>
<td>Cumene {Benzene, 1-Methylethyl-; Isopropylbenzene}</td>
<td>Possible 2B</td>
<td>n.a.</td>
<td>n.a.</td>
<td>n.a.</td>
</tr>
<tr>
<td>110-91-8</td>
<td>Morpholine {Diethylene imidoxide}</td>
<td>n.a.</td>
<td>3</td>
<td>A4</td>
<td>n.a.</td>
</tr>
<tr>
<td>66455-14-9</td>
<td>Alcohols, C12-13, ethoxylated</td>
<td>n.a.</td>
<td>n.a.</td>
<td>n.a.</td>
<td>n.a.</td>
</tr>
</tbody>
</table>

**12. ECOLOGICAL INFORMATION**

**General Ecological Information:** This product has not been tested as a whole.

**13. DISPOSAL CONSIDERATIONS**

**Waste Disposal Method:** Dispose in accordance with all applicable local, state, and federal regulations.

**LAND TRANSPORT (US DOT):**

- **DOT Proper Shipping Name:** Aerosols, flammable, corrosive
- **DOT Hazard Class:** 2.1(8) FLAMMABLE, CORROSIVE
- **UN/NA Number:** UN1950

**Additional Transport Information:**
The shipper / supplier may apply one of the following exceptions: Combustible Liquid, Consumer Commodity, Limited Quantity, Viscous Liquid, Does Not Sustain Combustion, or others, as allowed under 49CFR Hazmat Regulations. Please consult 49CFR Subchapter C to ensure that subsequent shipments comply with these exceptions.

**15. REGULATORY INFORMATION**

**EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists**

<table>
<thead>
<tr>
<th>CAS #</th>
<th>Hazardous Components (Chemical Name)</th>
<th>S. 302 (EHS)</th>
<th>S. 304 RQ</th>
<th>S. 313 (TRI)</th>
</tr>
</thead>
<tbody>
<tr>
<td>67-64-1</td>
<td>Acetone (2-Propanone)</td>
<td>No</td>
<td>Yes 5000 LB</td>
<td>No</td>
</tr>
<tr>
<td>67-68-5</td>
<td>Methyl sulfoxide {Dimethyl sulfoxide; DMSO}</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>1330-20-7</td>
<td>Xylene (mixed isomers) (Benzene, dimethyl-)</td>
<td>No</td>
<td>Yes 100 LB</td>
<td>Yes</td>
</tr>
<tr>
<td>68476-86-8</td>
<td>Liquified petroleum gas, sweetened {propane, isobutane, n-butane}</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
</tbody>
</table>
### Hazardous Components (Chemical Name)

<table>
<thead>
<tr>
<th>CAS #</th>
<th>Chemical Name</th>
<th>CAA HAP,ODC</th>
<th>CWA NPDES</th>
<th>TSCA</th>
<th>Inventory</th>
<th>CA PROP.65</th>
<th>CA PROP.65</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-41-4</td>
<td>Ethylbenzene (Ethylbenzol; Phenylethane)</td>
<td>No</td>
<td>Yes</td>
<td>1000 LB</td>
<td>Yes</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>68439-46-3</td>
<td>Alcohol ethoxylate (Alcohols, C9-11, Ethoxylated)</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>98-82-8</td>
<td>Cumene (Benzene, 1-Methylethyl-; Isopropylbenzene)</td>
<td>No</td>
<td>Yes</td>
<td>5000 LB</td>
<td>Yes</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>110-91-8</td>
<td>Morpholine (Diethylene imidoxide)</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
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<td>66455-14-9</td>
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<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
</tbody>
</table>

### Additional Regulatory Information

This product is regulated by the United States Consumer Product Safety Commission and is subject to certain labeling requirements under the Federal Hazardous Substances Act. These requirements differ from the classification criteria and hazard information required for safety data sheets (SDS). The product label also includes other important information, including directions for use, and should always be read in its entirety prior to using the product.