SECTION 1. CHEMICAL PRODUCT AND COMPANY INFORMATION

MANUFACTURERS NAME
W.M. BARR & COMPANY, INC.

ADDRESS
2105 Channel Avenue
Memphis, TN 38113 USA

EMERGENCY TELEPHONE #1
901-775-0100

EMERGENCY CONTACT
W.M. Barr Technical Services

INVENTORY ITEM #
QWN285

CHEMICAL FORMULA
515

PRODUCT NAME
KLEAN-STRIP EASY LIQUID SANDER

REVISED BY
W.M. Barr Technical Services

REVISION DATE
7/31/2003

SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>SUBSTANCE DESCRIPTION</th>
<th>PERCENT</th>
<th>CAS#</th>
<th>NTP</th>
<th>ACGIH</th>
<th>OSHA</th>
<th>IARC</th>
</tr>
</thead>
<tbody>
<tr>
<td>ALIPHATIC DIBASIC ACID ESTERS</td>
<td>10-15</td>
<td>N/A</td>
<td>N</td>
<td>N</td>
<td>N</td>
<td>N</td>
</tr>
<tr>
<td>** ABOVE INGREDIENT CONSISTS OF THE FOLLOWING **</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>DIMETHYL SUCCINATE</td>
<td>15-20</td>
<td>106-65-0</td>
<td>N</td>
<td>N</td>
<td>N</td>
<td>N</td>
</tr>
<tr>
<td>DIMETHYL GLUTARATE</td>
<td>65-70</td>
<td>1119-40-0</td>
<td>N</td>
<td>N</td>
<td>N</td>
<td>N</td>
</tr>
<tr>
<td>DIMETHYL ADIPATE</td>
<td>15-20</td>
<td>627-93-0</td>
<td>N</td>
<td>N</td>
<td>N</td>
<td>N</td>
</tr>
<tr>
<td>ETHYLENE GLYCOL MONOPROPYL ETHER</td>
<td>5-10</td>
<td>2807-30-9</td>
<td>N</td>
<td>N</td>
<td>N</td>
<td>N</td>
</tr>
<tr>
<td>OCTYLPHENOXYPOLEYTHOXYETHANOL SOLUTION</td>
<td>1-5%</td>
<td>9036-19-5</td>
<td>N</td>
<td>N</td>
<td>N</td>
<td>N</td>
</tr>
<tr>
<td>** ABOVE INGREDIENT CONSISTS OF THE FOLLOWING **</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>OCTYLPHENOXYPOLEYTHOXYETHANOL</td>
<td>97-99</td>
<td>9036-19-5</td>
<td>N</td>
<td>N</td>
<td>N</td>
<td>N</td>
</tr>
<tr>
<td>SILICA, CRYSTALLINE, QUARTZ</td>
<td>5-10</td>
<td>14808-60-7</td>
<td>N</td>
<td>N</td>
<td>Y</td>
<td></td>
</tr>
</tbody>
</table>

SECTION 3. REGULATORY INFORMATION

EXPOSURE LIMITS/REGULATORY INFORMATION

<table>
<thead>
<tr>
<th>SUBSTANCE DESCRIPTION</th>
<th>REG.AWCY U/M</th>
<th>TWA</th>
<th>STEL</th>
<th>CEIL</th>
<th>SKIN</th>
<th>PEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>ALIPHATIC DIBASIC ACID ESTERS</td>
<td>ACGIH PPM</td>
<td>N/E</td>
<td>N/E</td>
<td>N/E</td>
<td>N/E</td>
<td>N/E</td>
</tr>
<tr>
<td></td>
<td>OSHA PPM</td>
<td>N/E</td>
<td>N/E</td>
<td>N/E</td>
<td>N/E</td>
<td>N/E</td>
</tr>
<tr>
<td>DUPONT RECOMMENDS AN AEL (ACCEPTABLE EXPOSURE LIMIT) OF 1.5 PPM (10 MG/M3), TWA.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>DIMETHYL SUCCINATE</td>
<td>ACGIH PPM</td>
<td>N/E</td>
<td>N/E</td>
<td>N/E</td>
<td>N/E</td>
<td>N/E</td>
</tr>
<tr>
<td></td>
<td>OSHA PPM</td>
<td>N/E</td>
<td>N/E</td>
<td>N/E</td>
<td>N/E</td>
<td>N/E</td>
</tr>
<tr>
<td>DIMETHYL GLUTARATE</td>
<td>ACGIH PPM</td>
<td>N/E</td>
<td>N/E</td>
<td>N/E</td>
<td>N/E</td>
<td>N/E</td>
</tr>
<tr>
<td></td>
<td>OSHA PPM</td>
<td>N/E</td>
<td>N/E</td>
<td>N/E</td>
<td>N/E</td>
<td>N/E</td>
</tr>
<tr>
<td>DIMETHYL ADIPATE</td>
<td>ACGIH PPM</td>
<td>N/E</td>
<td>N/E</td>
<td>N/E</td>
<td>N/E</td>
<td>N/E</td>
</tr>
<tr>
<td></td>
<td>OSHA PPM</td>
<td>N/E</td>
<td>N/E</td>
<td>N/E</td>
<td>N/E</td>
<td>N/E</td>
</tr>
<tr>
<td>ETHYLENE GLYCOL MONOPROPYL ETHER</td>
<td>ACGIH PPM</td>
<td>N/E</td>
<td>N/E</td>
<td>N/E</td>
<td>N/E</td>
<td>N/E</td>
</tr>
<tr>
<td></td>
<td>OSHA PPM</td>
<td>N/E</td>
<td>N/E</td>
<td>N/E</td>
<td>N/E</td>
<td>N/E</td>
</tr>
</tbody>
</table>
SECTIOM 3. REGULATORY INFORMATION
(CONTINUED)

EASTMAN KODAK RECOMMENDS AN INDUSTRIAL HYGIENE GUIDELINE OF 25PPM TWA, SKIN.

OCTYLPHENOXYPOLYETHOXYETHANOL SOLUTION

ACGIH PPM N/E N/E N/E N/E N/E N/E
OSHA PPM N/E N/E N/E N/E N/E N/E

OCTYLPHENOXYPOLYETHOXYETHANOL

ACGIH PPM N/E N/E N/E N/E N/E N/E
OSHA PPM N/E N/E N/E N/E N/E N/E

SILICA, CRYSTALLINE, QUARTZ

ACGIH MG/M3 0.10 N/E N/E N/E N/E N/E
OSHA MG/M3 0.10 N/E N/E N/E N/E N/E

ACGIH AND OSHA TWA FOR SILICA, CRYSTALLINE, QUARTZ, RESPIRABLE DUST. NIOSH DEFINED CARCINOGEN.

ADDITIONAL REGULATORY INFO
The time weighted average (TWA) value described herein is a threshold limit value (TLV) as established by ACGIH. The permissible exposure limit (PEL) is a value established by OSHA.

CALIFORNIA (PROPOSITION #65)
Ingredients in this product are not listed on California’s Prop 65 list: “Chemicals Known to the State to Cause Cancer or Reproductive Toxicity.”

SEC. 313 SUPPLIER NOTIFICATION
The following information must be included in all MSDS that are copied and distributed for this material.

This product contains no chemicals subject to the reporting requirements of SARA III: Section 313.

CLEAN AIR ACT
This formula contains no known ozone depleting chemicals.

HAZARD COMMUNICATION STANDARD
This document is prepared in accordance with the OSHA Hazard Communication Standard (29 CFR 1910.1200). This MSDS contains thirteen (13) sections.

INHALATION ACUTE EXPOSURE EFFECTS
May cause dizziness, headache, irritation of respiratory tract, narcosis, vomiting, blood damage, and liver injury.

SKIN CONTACT ACUTE EXPOSURE EFFECTS
Harmful if absorbed through skin. May cause irritation, redness, swelling, tissue damage, and may cause increased severity of symptoms listed under ingestion.

EYE CONTACT ACUTE EXPOSURE EFFECTS
This material is an eye irritant.
SECTION 4. HAZARDS IDENTIFICATION (CONTINUED)

INGESTION ACUTE EXPOSURE EFFECTS
Harmful if swallowed. May cause dizziness, headache, nausea, weakness, vomiting, loss of coordination, gastrointestinal irritation, diarrhea, and changes in white blood cells.

CHRONIC EXPOSURE EFFECTS
Reports have associated repeated and prolonged overexposure to solvents with neurological and other physiological damage. Prolonged contact with skin may cause skin irritation and temporary blurred vision. May cause dyspnea, cough, chest pains, impaired pulmonary functioning, jaundice, anemia, liver damage, and bone marrow damage.

MEDICAL CONDITIONS AGGRAVATED
Diseases of the respiratory and pulmonary systems.

PRIMARY ROUTE OF EXPOSURE
Inhalation, ingestion, and dermal.

SECTION 5. FIRST AID MEASURES

INHALATION
If user experiences breathing difficulty, move to air free of vapors. Administer oxygen or artificial respiration until medical assistance can be rendered.

SKIN CONTACT
Wash with soap and large quantities of water and seek medical attention if irritation from contact persists.

EYE CONTACT
Flush with large quantities of water for at least 15 minutes and seek immediate medical attention.

INGESTION
Call your poison control center, hospital emergency room, or physician immediately for instructions.

NOTE TO PHYSICIAN
This formula is registered with POISINDEX. Call your local poison control center for further information.

SECTION 6. FIRE FIGHTING MEASURES

HAZARD RATING SOURCE HMIS NFPA
HEALTH 1 1
FLAMMABILITY 1 1
REACTIVITY 0 0
OTHER G NA

FLASH METHOD
Seta

FLASH POINT
N/E F N/E C No flash to boil.
SECTION 6. FIRE FIGHTING MEASURES
(CONTINUED)

LOWER EXPLOSION LIMIT
1

GENERAL COMMENTS
OSHA FLAMMABILITY: Not Applicable

EXTINGUISHING METHOD
Use carbon dioxide, dry powder, or foam.

FIRE FIGHTING PROCEDURES
Self-contained respiratory protection should be provided for fire fighters fighting fires in buildings or confined areas. Stay away from heads of containers that have been exposed to intense heat or flame.

FIRE AND EXPLOSION HAZARDS
Keep container tightly closed.

SECTION 7. ACCIDENTAL RELEASE MEASURES

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 flares, smoking or flames out of hazard area. SMALL SPILLS: take up liquid with sand, earth or other noncombustible absorbent material and place in a plastic container where applicable. LARGE SPILLS: dike far ahead of spill for later disposal.

For transportation related spills contact Chemtrec at 1-800-424-9300 for emergency assistance.

WASTE DISPOSAL
Dispose in accordance with applicable local, state and federal regulations.

SECTION 8. HANDLING AND STORAGE

STORAGE
Keep container tightly closed when not in use. Store in a cool, dry place. Do not store near flames or at elevated temperatures.

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.

SECTION 9. TRANSPORT INFORMATION

TRANSPORTATION
DOMESTIC: PAINT RELATED MATERIAL

IMDG: PAINT RELATED MATERIAL-NOT REGULATED, FLASHPOINT ABOVE 200F (93.33C)

IATA: Paint related material-not regulated, Flashpoint above 200F (93.33C)
SECTION 10. EXPOSURE CONTROLS/PERS ONAL PROTECTION

VENTILATION PROTECTION
Use only with adequate ventilation to prevent build-up of vapors. Open all windows and doors. Use only with 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.

RESPIRATORY PROTECTION
For OSHA controlled work place and other regular users - Use only with adequate ventilation under engineered air control systems designed to prevent exceeding appropriate TLV. For occasional use, where engineered air control is not feasible, use properly maintained and properly fitted NIOSH approved respirator for organic solvent vapors. A dust mask does not provide protection against vapors.

SKIN PROTECTION
Usually none required. People with sensitive skin should wear impermeable gloves.

EYE PROTECTION
Safety glasses, chemical goggles or face shields are recommended to safeguard against potential eye contact, irritation, or injury. Contact lenses should not be worn while working with chemicals.

OTHER PROTECTION
 Various application methods can dictate use of additional protective safety equipment, such as impermeable aprons, etc., to minimize exposure. A source of clean water should be available in the work area for flushing eyes and skin. Do not eat, drink, or smoke in the work area. Wash hands thoroughly after use. 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.

SECTION 11. PHYSICAL AND CHEMICAL PROPERTIES

VOLATILE Z
92.8 by weight

BOILING POINT
GT 212.00 °F 100.00 °C BOILING RANGE: 212 °F - 410 °F

VAPOR DENSITY (Air = 1.0)
Heavier than air

EVAPORATION RATE
Slower than ether

BULK DENSITY
8.327
lbs/gal at 75 °F

pH FACTOR
N/E

PHOTOCHEMICALLY REACTIVE
NO

MAX V.O.C.
196 grams per liter (excluding exempt solvents & water)
SECTION 11. PHYSICAL AND CHEMICAL PROPERTIES

MAX VAPOR PRESSURE
(of the V.O.C.) <1mm Hg at 20 degrees C

SECTION 12. STABILITY AND REACTIVITY

INCOMPATIBILITIES
Incompatible with strong oxidizing agents.

DECOMPOSITION
Thermal decomposition may produce carbon monoxide, and carbon dioxide.

POLYMERIZATION
Will not occur.

STABILITY
Stable.

SECTION 13. ADDITIONAL INFORMATION

IMPORTANT NOTE
The information contained herein is presented in good faith and believed to be accurate as of the effective date shown above. This information is furnished without warranty of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determination of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees. Any use of this data and information must be determined by the user to be in accordance with applicable federal, state and local laws and regulations.

LEGEND:
PPM = parts per million
MG/M3 = milligrams per cubic meter
N/E or NE = none established
GT = greater than
N/A or NA = not applicable
TCC = tag closed cup
TOC = tag open cup
PMCC = Pensky-Martens closed cup
IDLH = Immediately Dangerous to Life and Health

***END OF MSDS***