

SAFETY DATA SHEET
Klean Strip Easy Liquid Sander

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Printed: 01/23/2015
Revision: 01/13/2015
Supersedes Revision: 09/04/2014

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Klean Strip Easy Liquid Sander
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 Adhesion Product
Synonyms: QWN285

2. HAZARDS IDENTIFICATION

Serious Eye Damage/Eye Irritation, Category 2A
Carcinogenicity, Category 1B
Target Organ Systemic Toxicity (single exposure), Category 1
Target Organ Systemic Toxicity (repeated exposure), Category 1



GHS Signal Word: **Danger**

GHS Hazard Phrases: H319: Causes serious eye irritation.
H350: May cause cancer.
H370: Causes damage to organs.
H335: May cause respiratory irritation.
H372: Causes damage to organs through prolonged or repeated exposure.

GHS Precaution Phrases: P264: Wash hands thoroughly after handling.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P201: Obtain special instructions before use.
P202: Do not handle until all safety precautions have been read and understood.
P281: Use personal protective equipment as required.
P260: Do not breathe dust/fume/gas/mist/vapours/spray.
P270: Do not eat, drink or smoke when using this product.
P261: Avoid breathing dust/fume/gas/mist/vapours/spray.
P271: Use only outdoors or in a well-ventilated area.

GHS Response Phrases: P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+313: If eye irritation persists, get medical advice/attention.
P308+313: IF exposed or concerned: Get medical attention/advice.
P321: Specific treatment see directions on this label.
P304+340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P312: Call a POISON CENTER/doctor if you feel unwell.
P314: Get medical attention/advice if you feel unwell.

GHS Storage and Disposal Phrases: P405: Store locked up.
P501: Dispose of contents/container according to local, state and federal regulations.
P403+233: Store container tightly closed in well-ventilated place - if product is as volatile as to generate hazardous atmosphere.

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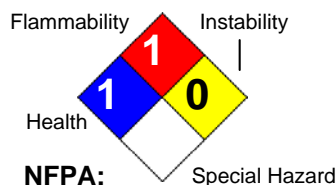
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Hazard Rating System:

HEALTH	*	1
FLAMMABILITY		1
PHYSICAL		0
PPE		X

**HMIS:****OSHA Regulatory Status:**

This material is classified as hazardous under OSHA regulations.

**Potential Health Effects
(Acute and Chronic):**

This product has not been tested to determine health effects. The health effects listed below are associated with the individual ingredients listed in Section 3.

EYES: Can cause eye irritation. Symptoms include stinging, tearing, redness, swelling of the eyes, and blurred vision.

SKIN: Can cause skin irritation. Prolonged or repeated contact may dry the skin or cause discomfort and redness. Symptoms include redness, burning, drying and cracking of the skin. Burns may be possible from prolonged contact, especially if contact with the skin is under clothing or personal protective equipment. Individuals with sensitive skin may be more likely to develop skin irritation from contact.

INHALATION: Breathing small amounts during normal handling is not likely to cause harmful effects. Breathing large amounts may be harmful. Symptoms usually occur at air concentrations higher than the recommended exposure limits. May cause irritation of the respiratory tract, experienced as nasal discomfort, possibly with chest pain and coughing.

INGESTION: Moderately toxic. May cause stomach or intestinal upset or discomfort (nausea, vomiting, diarrhea). Aspiration hazard.

CHRONIC OVEREXPOSURE EFFECTS: Overexposure to individual components of this product suggest possible health effects of the liver, nasal damage, and blood disorders based on animal data.

This product contains 5% crystalline silica in the form of quartz. In respirable form, chronic overexposure can cause lung disease and silicosis. The silica in this product is not in respirable form. The silica is encapsulated, which should present no health hazard due to inhalation exposure.

TARGET ORGANS: liver, stomach/intestines, lungs

PRIMARY ROUTES OF ENTRY: inhalation, absorption

Medical Conditions Generally None known.

Aggravated By Exposure:

3. COMPOSITION/INFORMATION ON INGREDIENTS

CAS #	Hazardous Components (Chemical Name)	Concentration
1119-40-0	Dimethyl glutarate	5.0 -7.0 %
627-93-0	Dimethyl adipate	1.0 -3.0 %
106-65-0	Dimethyl succinate	1.0 -3.0 %
2807-30-9	Ethylene glycol monopropyl ether {(a glycol ether)}	9.0 %
9036-19-5	Octylphenoxy polyethoxyethanol	2.0 %
14808-60-7	Quartz {Silica-crystalline; Cistobalite; Tridymite}	5.0 %

4. FIRST AID MEASURES

Emergency and First Aid Procedures:

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:

Immediately wash with soap and water. Seek medical attention if irritation from contact persists.

EYE CONTACT:

Immediately flush with water, remove any contact lens, and continue flushing with water for at least 15 minutes. Get medical attention immediately.

INGESTION:

Do not induce vomiting, unless directed to by medical personnel. Call your poison control center, hospital, emergency room, or physician immediately for instructions. Do not give anything by mouth to an unconscious person.

Signs and Symptoms Of Exposure:

See Potential Health Effects.

Note to Physician:

Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient.

5. FIRE FIGHTING MEASURES

Flash Pt:

No data.

Explosive Limits:

LEL: No data.

UEL: No data.

Autoignition Pt:

No data.

Suitable Extinguishing Media: Non-combustible liquid - use extinguishing media for underlying cause of fire.

Unsuitable Extinguishing Media:

None known.

Fire Fighting Instructions:

If involved in a fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH approved or equivalent) and full protective gear.

Flammable Properties and Hazards:

Ethylene glycol monopropyl ether may form peroxides of unknown stability when involved in a fire.

6. ACCIDENTAL RELEASE MEASURES

Steps To Be Taken In Case Material Is Released Or Spilled:

Isolate the immediate area. Prevent unauthorized entry. Stay upwind, out of low areas, and ventilate closed spaces before entering. Do not touch or walk through spilled material. Stop leak if you can do so without risk. Prevent entry into waterways, sewers, or confined areas. A vapor suppressing foam may be used to reduce vapors. Absorb or cover with dry earth, sand, or other non-combustible material and transfer to compatible containers. For large spills, dike ahead of the spill.

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 waste regulations. Do not reuse this container.

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Avoid contact with eyes, skin, and mucous membranes. Do not take internally.

Precautions To Be Taken in Storing: Keep container tightly closed when not in use. Store in a cool, dry place. Do not store near flames or at elevated temperatures.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
1119-40-0	Dimethyl glutarate	No data.	No data.	No data.
627-93-0	Dimethyl adipate	No data.	No data.	No data.
106-65-0	Dimethyl succinate	No data.	No data.	No data.
2807-30-9	Ethylene glycol monopropyl ether {(a glycol ether)}	No data.	No data.	No data.
9036-19-5	Octylphenoxypolyethoxyethanol	No data.	No data.	No data.
14808-60-7	Quartz {Silica-crystalline; Cistobalite; Tridymite}	PEL: 8825 ppm/(%SiO2+5)	TLV: 0.05 mg/m3 (R)	No data.

Respiratory Equipment (Specify Type): For consumer use, use only with adequate ventilation. If strong odor is noticed or you experience slight dizziness - STOP - ventilation is inadequate. Leave area immediately.

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

Eye Protection: Wear chemical splash goggles to safeguard against potential eye contact, irritation, or injury.

Protective Gloves: For consumer use and when used as directed, usually none is required. People with sensitive skin should wear chemical resistant gloves, such as nitrile or latex rubber gloves.

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 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 not adequate. 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: [] Gas [X] Liquid [] Solid
Appearance and Odor: milky emulsion
Melting Point: No data.
Boiling Point: > 212.00 F
Autoignition Pt: No data.
Flash Pt: No data.
Explosive Limits: LEL: No data. UEL: No data.
Specific Gravity (Water = 1): No data.
Density: 8.6 LB/GL
Vapor Pressure (vs. Air or mm Hg): No data.
Vapor Density (vs. Air = 1): > 1
Evaporation Rate: < 1
Solubility in Water: No data.
Percent Volatile: 92.8 % by weight.

10. STABILITY AND REACTIVITY

Stability: Unstable [] Stable [X]
Conditions To Avoid - Instability: No data available.
Incompatibility - Materials To Avoid: Incompatible with strong oxidizers, alkalies, and acids.
Hazardous Decomposition Or Byproducts: Decomposition may produce carbon monoxide and carbon dioxide.
Possibility of Hazardous Reactions: Will occur [] Will not occur [X]
Conditions To Avoid - Hazardous Reactions: No data available.

11. TOXICOLOGICAL INFORMATION

Toxicological Information: This product has not been tested as a whole.

CAS# 2807-30-9:

Standard Draize Test, Eyes, Species: Rabbit, 100.0 MG, Severe.

Result:

Behavioral: Altered sleep time (including change in righting reflex).

Behavioral: Somnolence (general depressed activity).

Cardiac: Change in rate.

- EHP, Environmental Health Perspectives., U.S. Government Printing Office, Supt of Documents, Washington, DC 20402, Vol/p/yr: 57,165, 1984

CAS# 9036-19-5:

Standard Draize Test, Eyes, Species: Rabbit, 1.000 %, Severe.

Result:

Lungs, Thorax, or Respiration: Changes in pulmonary vascular resistance.

Lungs, Thorax, or Respiration: Respiratory depression.

- Journal of the American Pharmaceutical Association, Scientific Edition., For publisher information, see JPMSAE, Washington, DC, Vol/p/yr: 38,428, 1949

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Chronic Toxicological Effects:

CAS# 14808-60-7:
Tumorigenic Effects:, TCLo, Inhalation, Rat, 50.00 MG/M3, 6 W.
Result:
Tumorigenic: Carcinogenic by RTECS criteria.
Liver: Tumors.
- Environmental Research., Academic Press, Inc., 1 E. First St., Duluth, MN 55802,
Vol/p/yr: 40,499, 1986
This product has not been tested as a whole.

Carcinogenicity/Other Information:

IARC 1 - Carcinogenic to humans
ACGIH A2 - Suspected Human Carcinogen

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
1119-40-0	Dimethyl glutarate	n.a.	n.a.	n.a.	n.a.
627-93-0	Dimethyl adipate	n.a.	n.a.	n.a.	n.a.
106-65-0	Dimethyl succinate	n.a.	n.a.	n.a.	n.a.
2807-30-9	Ethylene glycol monopropyl ether {(a glycol ether)}	n.a.	n.a.	n.a.	n.a.
9036-19-5	Octylphenoxypolyethoxyethanol	n.a.	n.a.	n.a.	n.a.
14808-60-7	Quartz {Silica-crystalline; Cistobalite; Tridymite}	Known	1	A2	n.a.

12. ECOLOGICAL INFORMATION

General Ecological Information: No information available for this product as a whole.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method: Dispose of in accordance with local, state, and federal laws.

Do not place material in general trash.

Do not allow material to enter bodies of water or sewers.

14. TRANSPORT INFORMATION

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: Not regulated by D.O.T.

DOT Hazard Class:

UN/NA Number:

Additional Transport Information:

15. REGULATORY INFORMATION

This material meets the EPA 'Hazard Categories' defined for SARA Title III Sections 311/312 as indicated:

<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Acute (immediate) Health Hazard
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Chronic (delayed) Health Hazard
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Fire Hazard
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Sudden Release of Pressure Hazard
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Reactive Hazard

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CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
1119-40-0	Dimethyl glutarate	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory, 12(b); CA PROP.65: No
627-93-0	Dimethyl adipate	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory, 12(b); CA PROP.65: No
106-65-0	Dimethyl succinate	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory, 12(b); CA PROP.65: No
2807-30-9	Ethylene glycol monopropyl ether {(a glycol ether)}	CAA HAP,ODC: HAP; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No
9036-19-5	Octylphenoxypolyethoxyethanol	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory, 8A PAIR; CA PROP.65: No
14808-60-7	Quartz {Silica-crystalline; Cistobalite; Tridymite}	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No

16. OTHER INFORMATION

Revision Date: 01/13/2015
Preparer Name: W.M. Barr EHS Dept (901)775-0100

Additional Information About This Product: No data available.

This Product:

Company Policy or

Disclaimer:

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.