

SAFETY DATA SHEET
Klean_Strip_Japan_Drier

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name:	Klean_Strip_Japan_Drier	
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:	Accelerate the drying ability of oil-based enamel and varnish	
Product Code:	PJD40, PJD41	
Additional Information	This chemical/product is not and cannot be distributed in commerce (as defined in TSCA section 3(5)) or processed (as defined in TSCA section 3(13)) for consumer paint or coating removal.	

2. HAZARDS IDENTIFICATION

- Flammable Liquids, Category 3
- Skin Corrosion/Irritation, Category 2
- Serious Eye Damage/Eye Irritation, Category 2A
- Respiratory Sensitization, Category 1
- Skin Sensitization, Category 1
- Germ Cell Mutagenicity, Category 1A
- Specific Target Organ Toxicity (single exposure), Category 3
- Specific Target Organ Toxicity (repeated exposure), Category 1
- Aspiration Toxicity, Category 1



GHS Signal Word: **Danger**

GHS Hazard Phrases: Flammable liquid and vapor.
Causes skin irritation.
Causes serious eye irritation.
May cause allergy or asthma symptoms or breathing difficulties if inhaled.
May cause an allergic skin reaction.
May cause genetic defects .
May cause respiratory irritation.
Causes damage to organs through prolonged or repeated exposure.
May be fatal if swallowed and enters airways.

GHS Precautionary Phrases: Keep container tightly closed.
Keep away from heat, hot surfaces, sparks, open flams and other ignition source. No smoking.
Wear protective gloves/protective clothing/eye protection/face protection.
Ground/bond container and receiving equipment.
Use explosion-proof electrical/ventilating/lighting/.../equipment. ... other specified by the manufacturer/supplier or the competent authority.
Take precautionary measures against static discharge.
Use only non-sparking tools.
Wash hands thoroughly after handling.

Avoid breathing dust/fume/gas/mist/vapors/spray.

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GHS Response Phrases:	<p>In case of inadequate ventilation, wear respiratory protection . Contaminated work clothing should not be allowed out of the workplace. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use only outdoors or in a well-ventilated area. Do not eat, drink or smoke when using this product.</p> <p>In case of fire: Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. IF ON SKIN: Wash with plenty of soap and water. Specific treatment see ... on this label. If skin irritation occurs, get medical advice/attention.</p> <p>If eye irritation persists, get medical advice/attention. IF INHALED: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. If experiencing respiratory symptoms call a POISON CENTER or doctor/physician. If skin irritation or rash occurs, seek medical advice/attention. IF exposed or concerned: Get medical attention/advice. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER/doctor/... if you feel unwell. Get medical attention/advice if you feel unwell. IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting.</p>
GHS Storage and Disposal Phrases:	<p>Store in cool/well-ventilated place. Dispose of contents/container according to local, state and federal regulations. Store locked up. Store in well-ventilated place.</p>
OSHA Regulatory Status:	This material is classified as hazardous under OSHA regulations.

3. COMPOSITION/INFORMATION ON INGREDIENTS

CAS #	Hazardous Components (Chemical Name)	Concentration
64742-47-8	Hydrotreated light distillate (petroleum, mineral spirits)	80.0 -100.0 %
8030-70-4	Fatty acids, tall-oil, manganese salts	3.0 -7.0 %
8052-41-3	Stoddard solvent {Mineral spirits; Aliphatic Petroleum Distillates; White spirits}	1.0 -5.0 %
22464-99-9	Zirconium 2-Ethylhexanoate {Hexanoic acid, 2-ethyl-, zirconium salt}	1.0 -5.0 %
27253-31-2	Neodecanoic acid, cobalt salt	1.0 -5.0 %
61789-51-3	Cobalt naphthenate	1.0 -5.0 %

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

4. FIRST AID MEASURES

Emergency and First Aid Procedures:

- In Case of Inhalation:** If inhaled, remove to fresh air.
- In Case of Skin Contact:** Immediately flush skin with plenty of water. Remove contaminated clothing. Get medical attention if irritation develops or persists. Wash clothing before reuse.
- In Case of Eye Contact:** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- In Case of Ingestion:** If swallowed, do not induce vomiting unless directed to do so by medical personnel.

5. FIRE FIGHTING MEASURES

- Flash Pt:** NFPA Class II
114.00 F Method Used: Setaflash Closed Cup (Rapid Setaflash)
- Explosive Limits:** LEL: No data. UEL: No data.
- Autoignition Pt:** No data.
- Suitable Extinguishing Media:** Use alcohol foam, carbon dioxide, or water spray when fighting fires involving this material.
- Unsuitable Extinguishing Media:** **None known.
- Fire Fighting Instructions:** As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH approved or equivalent) and full protective gear.
- Flammable Properties and Hazards:** No data available.
- Hazardous Combustion Products:** Carbon monoxide, Carbon dioxide, sulfur dioxide. Silicon oxides. Tin/tin oxides.

6. ACCIDENTAL RELEASE MEASURES

- Protective Precautions, Protective Equipment and Emergency Procedures:** Protective gloves recommended. Eye protection recommended. Ensure adequate ventilation.
- Steps To Be Taken In Case Material Is Released Or Spilled:** Isolate hazard area. Keep unnecessary and unprotected personnel from entering. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Use non-sparking tools. Avoid runoff into storm sewers and ditches which lead to waterways.
Take up with sand or other non-combustible absorbent material and place into containers for later disposal.

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.
- Precautions To Be Taken in Storing:** Keep container closed when not in use. Store in a cool, dry place. 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 #	Chemical Name	Jurisdiction	Recommended Exposure Limits	Notations
64742-47-8	Hydrotreated light distillate (petroleum, mineral spirits)	ACGIH TLV	TLV: 200 mg/m3	
8030-70-4	Fatty acids, tall-oil, manganese salts	ACGIH TLV	TWA: 0.02 mg/m3 (resp.) 0.1 mg/m3 (IHL)	
		OSHA PELs	CEIL: 5 mg/m3	
8052-41-3	Stoddard solvent {Mineral spirits; Aliphatic Petroleum Distillates; White spirits}	ACGIH TLV	TLV: 100 ppm	
		OSHA PELs	PEL: 500 ppm	
22464-99-9	Zirconium 2-Ethylhexanoate {Hexanoic acid, 2-ethyl-, zirconium salt}	ACGIH TLV	TWA: 5 mg/m3 STEL: 10 mg/m3	
		OSHA PELs	TWA: 5 mg/m3	
Respiratory Equipment (Specify Type):	When used by the consumer following directions for use and with adequate ventilation, respiratory protection should not be needed.			
Eye Protection:	Eye protection recommended.			
Protective Gloves:	Wear appropriate gloves to prevent skin exposure.			
Other Protective Clothing:	Various application methods can dictate use of additional protective safety equipment, such as impermeable aprons, etc., to minimize exposure.			
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 inadequate. Leave area immediately.			
Work/Hygienic/Maintenance Practices:	Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly after handling.			

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical States:	[] Gas [X] Liquid [] Solid
Appearance and Odor:	No data available.
pH:	No data.
Melting Point:	No data.
Boiling Point:	> 300.00 F
Flash Pt:	114.00 F Method Used: Setaf flash Closed Cup (Rapid Setaf flash)
Evaporation Rate:	< 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):	< 1
Specific Gravity (Water = 1):	0.799 - 0.82
Solubility in Water:	No data.

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Octanol/Water Partition Coefficient: No data.
VOC / Volume: 711.0000 G/L
Autoignition Pt: No data.
Decomposition Temperature: No data.
Viscosity: No data.

10. STABILITY AND REACTIVITY

Stability: Unstable [] Stable [X]
Conditions To Avoid - Instability: No data available.
Incompatibility - Materials To Avoid: Oxidizing agents, Oxidizing agents, Strong acids, Amines.
Hazardous Decomposition or Byproducts: Carbon monoxide, Carbon dioxide, sulfur dioxide. Silicon oxides. Tin/tin oxides, Silicon oxides.
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. This product has not been tested as a whole. Information below will be for individual ingredients. Refer to section 2 for acute and chronic health effects.
Carcinogenicity/Other Information: IARC 2B - Possibly Carcinogenic to Humans.
ACGIH A3 - Confirmed Animal Carcinogen with Unknown Relevance to Humans.

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
64742-47-8	Hydrotreated light distillate (petroleum, mineral spirits)	n.a.	n.a.	A4	n.a.
8030-70-4	Fatty acids, tall-oil, manganese salts	n.a.	n.a.	n.a.	n.a.
8052-41-3	Stoddard solvent {Mineral spirits; Aliphatic Petroleum Distillates; White spirits}	n.a.	n.a.	n.a.	n.a.
22464-99-9	Zirconium 2-Ethylhexanoate {Hexanoic acid, 2-ethyl-, zirconium salt}	n.a.	n.a.	n.a.	n.a.
27253-31-2	Neodecanoic acid, cobalt salt	n.a.	n.a.	n.a.	n.a.
61789-51-3	Cobalt naphthenate	n.a.	2B	A3	n.a.

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 applicable local, state, and federal regulations.

14. TRANSPORT INFORMATION

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LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: Paint related material.
DOT Hazard Class: 3 FLAMMABLE LIQUID
UN/NA Number: UN1263 **Packing Group:** III



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

15. REGULATORY INFORMATION

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

CAS #	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
64742-47-8	Hydrotreated light distillate (petroleum, mineral spirits)	No	No	No
8030-70-4	Fatty acids, tall-oil, manganese salts	No	No	Yes-Cat. N450
8052-41-3	Stoddard solvent {Mineral spirits; Aliphatic Petroleum Distillates; White spirits}	No	No	No
22464-99-9	Zirconium 2-Ethylhexanoate {Hexanoic acid, 2-ethyl-, zirconium salt}	No	No	No
27253-31-2	Neodecanoic acid, cobalt salt	No	No	Yes-Cat. N096
61789-51-3	Cobalt naphthenate	No	No	Yes-Cat. N096

CAS # Hazardous Components (Chemical Name) Other US EPA or State Lists

64742-47-8	Hydrotreated light distillate (petroleum, mineral spirits)	TSCA: Inventory
8030-70-4	Fatty acids, tall-oil, manganese salts	CAA HAP,ODC: Yes - Cat. TSCA: Inventory
8052-41-3	Stoddard solvent {Mineral spirits; Aliphatic Petroleum Distillates; White spirits}	TSCA: Inventory
22464-99-9	Zirconium 2-Ethylhexanoate {Hexanoic acid, 2-ethyl-, zirconium salt}	TSCA: Inventory
27253-31-2	Neodecanoic acid, cobalt salt	CAA HAP,ODC: Yes - Cat. TSCA: Inventory
61789-51-3	Cobalt naphthenate	CAA HAP,ODC: Yes - Cat. TSCA: Inventory

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.

Additional Regulatory Information This chemical/product is not and cannot be distributed in commerce (as defined in TSCA section 3(5)) or processed (as defined in TSCA section 3(13)) for consumer paint or coating removal.

16. OTHER INFORMATION

Revision Date:	06/15/2021	Previous revision:	10/15/2020
Preparer Name:	W.M. Barr EHS Dept (901)775-0100		

Additional Information About This Product: No data available.

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.