

Safety Data Sheet



1. Identification

Product Information: M506-4777

Product Name: HEAVY BODIED GLAZE RAW SIENNA GAL

Recommended Use: Surface Preparation or Protection

Supplied by: Mohawk Finishing Products
Division of RPM Wood Finishes Group, Inc.
2220 US Hwy 70 SE Suite 100
Hickory, NC 28602
USA

Company Phone No: (800) 522-8266

Emergency Phone No. CHEMTREC: (800) 424-9300

International Emergency No. CHEMTREC: (703) 527-3887 (Collect calls are accepted)

2. Hazards Identification

GHS Classification

Acute Tox. 4 Inhalation, Carc. 1B, Eye Irrit. 2, Flam. Liq. 3, Muta. 1B, Skin Irrit. 2

Symbol(s) of Product



Signal Word

Danger

GHS HAZARD STATEMENTS

Flammable Liquid, category 3	H226	Flammable liquid and vapour.
Germ Cell Mutagenicity, category 1B	H340	May cause genetic defects.
Carcinogenicity, category 1B	H350	May cause cancer.
Acute Toxicity, Inhalation, category 4	H332	Harmful if inhaled.
Skin Irritation, category 2	H315	Causes skin irritation.
Eye Irritation, category 2	H319	Causes serious eye irritation.

GHS LABEL PRECAUTIONARY STATEMENTS

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233	Keep container tightly closed.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P403+P235	Store in a well-ventilated place. Keep cool.
P308+P313	IF exposed or concerned: Get medical advice/attention.
P202	Do not handle until all safety precautions have been read and understood.

P405	Store locked up.
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P312	Call a POISON CENTER or doctor/physician if you feel unwell.
P271	Use only outdoors or in a well-ventilated area.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P264	Wash hands thoroughly after handling.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P362+P364	Take off contaminated clothing and wash it before reuse.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313	If eye irritation persists: Get medical advice/attention.

GHS SDS PRECAUTIONARY STATEMENTS

P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical/ventilating/lighting/ equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.

Hazards Not Otherwise Classified (HNOC) or not covered by GHS

Rags or other materials containing this product may oxidize and ignite. All contaminated materials should be segregated and treated to avoid spontaneous combustion.

3. Composition/Information on ingredients

<u>Chemical Name</u>	<u>CAS-No.</u>	<u>Wt. %</u>	<u>GHS Symbols</u>	<u>GHS Statements</u>
aromatic hydrocarbons	64742-95-6	10-25	GHS06-GHS08	H304-331-340-350
1,2,4-trimethylbenzene	95-63-6	10-25	GHS02-GHS07	H226-315-319-332-335
aromatic hydrocarbons	64742-94-5	2.5-10	GHS06-GHS08	H304-312-330
m-xylene	108-38-3	2.5-10	GHS02-GHS07	H226-315-332
propylene glycol monomethyl ether	107-98-2	1.0-2.5	GHS02-GHS06	H226-331-336
o-xylene	95-47-6	1.0-2.5	GHS02-GHS07	H226-315-332
ethylbenzene	100-41-4	1.0-2.5	GHS02-GHS07- GHS08	H225-304-332-373
p-xylene	106-42-3	0.1-1.0	GHS02-GHS07	H226-312-315-332
n-butyl acetate	123-86-4	0.1-1.0	GHS02-GHS07	H226-336
naphthalene	91-20-3	0.1-1.0	GHS06-GHS08	H302-312-330-351
methyl ethyl ketoxime	96-29-7	0.1-1.0	GHS05-GHS06- GHS08	H302-311-317-318-331-351
cumene	98-82-8	0.1-1.0	GHS02-GHS07- GHS08	H226-302-304-332-335
crystalline silica	14808-60-7	0.1-1.0	GHS07	H302
barium sulfate	7727-43-7	<0.1	No Information	No Information

The exact percentage (concentration) of ingredients is being withheld as a trade secret.

The text for GHS Hazard Statements shown above (if any) is given in the "Other information" Section.

4. First-aid Measures



FIRST AID - EYE CONTACT: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

FIRST AID - SKIN CONTACT: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.

FIRST AID - INGESTION: IF SWALLOWED: rinse mouth. Do NOT induce vomiting. IF exposed or if you feel unwell: Call a POISON CENTER or doctor/physician.

FIRST AID - INHALATION: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

5. Fire-fighting Measures

SPECIAL FIREFIGHTING PROCEDURES: Evacuate all persons from the fire area to a safe location. Move non-burning material, as feasible, to a safe location as soon as possible. Fire fighters should be protected from potential explosion hazards while extinguishing the fire. Wear self-contained breathing apparatus (SCBA) and full fire-fighting protective clothing. Thoroughly decontaminate all protective equipment after use. Containers of this material may build up pressure if exposed to heat (fire). Use water spray to cool fire-exposed containers. Use water spray to disperse vapors if a spill or leak has not ignited. DO NOT extinguish a fire resulting from the flow of flammable liquid until the flow of the liquid is effectively shut off. This precaution will help prevent the accumulation of an explosive vapor-air mixture after the initial fire is extinguished.

FIREFIGHTING EQUIPMENT: This is a NFPA/OSHA Class 1B or less flammable liquid. Follow NFPA30, Chapter 16 for fire protection and fire suppression. Use a dry chemical, carbon dioxide, or similar ABC fire extinguisher for incipient fires. Water may be used to cool and prevent rupture of containers that are exposed to heat from fire.

6. Accidental Release Measures

ENVIRONMENTAL MEASURES: No Information

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Follow personal protective equipment recommendations found in Section VIII. Personal protective equipment needs must be evaluated based on information provided on this sheet and the special circumstances created by the spill including; the material spilled, the quantity of the spill, the area in which the spill occurred, and the training and the expertise of employees in the area responding to the spill. Never exceed any occupational exposure limits. Shut off ignition sources; including electrical equipment and flames. Do not allow smoking in the area. Do not allow the spilled product to enter public drainage system or open waterways.

7. Handling and Storage



HANDLING: Avoid inhalation and contact with eyes, skin, and clothing. Wash hands thoroughly after handling and before eating or drinking. In keeping with safe handling practices, avoid ignition sources (smoking, flames, pilot lights, electrical sparks); ground and bond containers when transferring the material to prevent static electricity sparks that could ignite vapor and use spark proof tools and explosion proof equipment. Empty containers may retain product residue or vapor. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose container to heat, flame, sparks, static electricity, or other sources of ignition. Any of these actions can potentially cause an explosion that may lead to injury.

STORAGE: Keep containers closed when not in use. Store in cool well ventilated space away from incompatible materials.

8. Exposure Controls/Personal Protection

Ingredients with Occupational Exposure Limits

<u>Chemical Name</u>	<u>ACGIH TLV-TWA</u>	<u>ACGIH-TLV STEL</u>	<u>OSHA PEL-TWA</u>	<u>OSHA PEL-CEILING</u>
aromatic hydrocarbons	N.D.	N.D.	N.D.	N.D.
1,2,4-trimethylbenzene	N.D.	N.D.	N.D.	N.D.

aromatic hydrocarbons	N.D.	N.D.	N.D.	N.D.
m-xylene	100 ppm	150 ppm	100 ppm	N.D.
propylene glycol monomethyl ether	50 ppm	100 ppm	N.D.	N.D.
o-xylene	100 ppm	150 ppm	N.D.	N.D.
ethylbenzene	20 ppm	N.D.	100 ppm	N.D.
p-xylene	100 ppm	150 ppm	100 ppm	N.D.
n-butyl acetate	50 ppm	150 ppm	150 ppm	N.D.
naphthalene	10 ppm	N.D.	10 ppm	N.D.
methyl ethyl ketoxime	N.D.	N.D.	N.D.	N.D.
cumene	50 ppm	N.D.	50 ppm	N.D.
crystalline silica	0.025 mg/m ³	N.D.	50 µg/m ³	N.D.
barium sulfate	5 mg/m ³	N.D.	15 mg/m ³	N.D.

Further Advice: MEL = Maximum Exposure Limit OES = Occupational Exposure Standard SUP = Supplier's Recommendation
 Sk = Skin Sensitizer N.E. = Not Established N.D. = Not Determined

Personal Protection



RESPIRATORY PROTECTION: Use adequate engineering controls and ventilation to keep levels below recommended or statutory exposure limits. If exposure levels exceed limits use appropriate approved respiratory protection equipment.



SKIN PROTECTION: Wear chemical resistant footwear and clothing such as gloves, an apron or a whole body suit as appropriate.



EYE PROTECTION: Wear chemical-resistant glasses and/or goggles and a face shield when eye and face contact is possible due to splashing or spraying of material.



OTHER PROTECTIVE EQUIPMENT: No Information



HYGIENIC PRACTICES: It is good practice to avoid contact with the product and/or its vapors, mists or dust by using appropriate protective measures. Wash thoroughly after handling and before eating or drinking.

9. Physical and Chemical Properties

Appearance:	Colored Viscous Liquid	Physical State:	LIQUID
Odor:	Oily Hydrocarbon	Odor Threshold:	Not determined
Density, g/cm3:	1.076	pH:	Not determined
Freeze Point, °F:	Not determined	Viscosity:	Not determined
Solubility in Water:	Not determined	Partition Coefficient, n-octanol/ water:	Not determined
Decomposition temperature, °F:	Not determined	Explosive Limits, %:	Not determined
Boiling Range, °F:	> 100 °F	Flash Point, °F:	77 ° F
Combustibility:	Supports Combustion	Auto-Ignition Temperature, °F:	Not determined
Evaporation Rate:	Faster than Diethyl Ether	Vapor Pressure, mmHg:	Not determined
Vapor Density:	Not determined		

N.I. = No Information

10. Stability and reactivity

STABILITY: Stable under normal conditions.

CONDITIONS TO AVOID: Heat, flames and sparks.

INCOMPATIBILITY: Acids, Bases, Oxidizing agents

HAZARDOUS DECOMPOSITION PRODUCTS: Not determined.

11. Toxicological information



Practical Experiences

EMERGENCY OVERVIEW: No Information

EFFECT OF OVEREXPOSURE - EYE CONTACT: No Information

EFFECT OF OVEREXPOSURE - INGESTION: No Information

EFFECT OF OVEREXPOSURE - INHALATION: No Information

EFFECT OF OVEREXPOSURE - SKIN CONTACT: No Information

CARCINOGENICITY: May cause cancer.

PRIMARY ROUTE(S) OF ENTRY:

Eye Contact, Skin Contact, Inhalation

Acute Toxicity Values

The acute effects of this product have not been tested. Data on individual components are tabulated below

CAS-No.	Chemical Name	Oral LD50	Dermal LD50	Vapor LC50
64742-95-6	aromatic hydrocarbons	14000 mg/kg Rat	>2000 mg/kg Rabbit	>4.96 mg/l Rat

95-63-6	1,2,4-trimethylbenzene	3280 mg/kg Rat	>3160 mg/kg Rabbit	18 mg/L Rat
64742-94-5	aromatic hydrocarbons	>5000 mg/kg Rat	>1744 mg/kg Rabbit	>0.6 mg/L Rat
108-38-3	m-xylene	5000 mg/kg Rat	6500 mg/kg Rabbit	>20 mg/l Rat
107-98-2	propylene glycol monomethyl ether	5000 mg/kg Rat	13000 mg/kg Rabbit	>6 mg/L Rat
95-47-6	o-xylene	3608 mg/kg Rat	14100 mg/kg Rabbit	>20 mg/l Rat
100-41-4	ethylbenzene	3500 mg/kg Rat	15400 mg/kg Rabbit	17.2 mg/L Rat
106-42-3	p-xylene	4029 mg/kg Rat	N.I.	>20 mg/l Rat
123-86-4	n-butyl acetate	14130 mg/kg Rat	>17600 mg/kg Rabbit	23.4 mg/l Rat
91-20-3	naphthalene	1110 mg/kg Rat	1120 mg/kg Rabbit	>.3 mg/L Rat
96-29-7	methyl ethyl ketoxime	930 mg/kg Rat	1000 mg/kg Rabbit	>4.83 mg/L Rat
98-82-8	cumene	1400 mg/kg Rat	10603 mg/kg Rabbit	>20 mg/l
14808-60-7	crystalline silica	500 mg/kg Rat	N.I.	>20 mg/l Rat
7727-43-7	barium sulfate	307000 mg/kg Rat	N.I.	N.I.

N.I. = No Information

12. Ecological information

ECOLOGICAL INFORMATION: Ecological evaluation of this material has not been performed; however, do not allow the product to be released to the environment without governmental approval/permits.

13. Disposal Information



Product

DISPOSAL METHOD: Waste from this material may be a listed and/or characteristic hazardous waste. Dispose of material, contaminated absorbent, container and unused contents in accordance with local, state, and federal regulations.

Rags or other materials containing this product may oxidize and ignite. All contaminated materials should be segregated and treated to avoid spontaneous combustion.

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Follow personal protective equipment recommendations found in Section VIII. Personal protective equipment needs must be evaluated based on information provided on this sheet and the special circumstances created by the spill including; the material spilled, the quantity of the spill, the area in which the spill occurred, and the training and the expertise of employees in the area responding to the spill. Never exceed any occupational exposure limits. Shut off ignition sources; including electrical equipment and flames. Do not allow smoking in the area. Do not allow the spilled product to enter public drainage system or open waterways.

14. Transport Information

SPECIAL TRANSPORT PRECAUTIONS: No Information

DOT: CONSUMER COMMODITY
 IATA: PAINT, 3, UN1263, III
 IMDG: PAINT, 3, UN1263, III

H319	Causes serious eye irritation.
H330	Fatal if inhaled.
H331	Toxic if inhaled.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H340	May cause genetic defects.
H350	May cause cancer.
H351	Suspected of causing cancer.
H373	May cause damage to organs through prolonged or repeated exposure.

Icons for GHS Pictograms shown in Section 3 describing each ingredient:

GHS02



GHS05



GHS06



GHS07



GHS08



The information on this sheet corresponds to our present knowledge. It is not a specification and it does not guarantee specific properties. The information is intended to provide general guidance as to health and safety based upon our knowledge of the handling, storage, and use of the product. It is not applicable to unusual or non-standard uses of the product where instructions and recommendations are not followed.

Only the original U.S. - English version is authoritative.