

M A T E R I A L S A F E T Y D A T A S H E E T

PP# 1750 Basecoat Binder

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Section 1 -- PRODUCT AND COMPANY IDENTIFICATION

COMPANY IDENTITY:	Painters Pride Products	HMIS CODES	
COMPANY ADDRESS:	810 N. Jefferson Street	Health	2
	St. Louis, MO 63106	Flammability	3
COMPANY PHONE:	1-888-646-1400	Reactivity	0
CHEMTREC PHONE:	1-800-424-9300	PPE	G
	COMPANY FAX: 1-630-455-0216	Date Prepared:	12/1/2008

Section 2 -- COMPOSITION/INFORMATION ON HAZARDOUS INGREDIENTS

%	by WT	CAS No	INGREDIENT	UNITS	VAPOR PRESSURE
5 - 20%		123-86-4	n-butyl Acetate		11.5
				ACGIH TLV	150 ppm
				ACGIH STEL	200 ppm
				OSHA PEL	150 ppm
				OSHA STEL	200 ppm
20 - 50%		67-64-1	Acetone		185
				ACGIH TLV	TWA: 500 ppm
				ACGIH STEL	750 ppm
				OSHA PEL	TWA: 1000 ppm
				OSHA STEL	1000 ppm
5 - 20%		78-93-3	Methyl Ethyl Ketone		78
				ACGIH TLV	TWA: 200 ppm
				ACGIH STEL	300 ppm
				OSHA PEL	TWA: 200 ppm
				OSHA STEL	300 ppm
< 1%		110-43-0	Methyl n-Amyl Ketone		2.2
				ACGIH TLV	TWA: 100 ppm, 465 mg/m3
				OSHA PEL	TWA: 100 ppm 465 mg/m3
20 - 50%		108-88-3	Toluene		38
				ACGIH TLV	TWA: 50 ppm
				ACGIH STEL	150 ppm
				OSHA PEL	TWA: 300 pm
				OSHA STEL	200 ppm
< 1%		1330-20-7	Xylene		9.5
				ACGIH TLV	150 ppm
				ACGIH STEL	150 ppm
				OSHA PEL	100 ppm
				OSHA STEL	150 ppm
< 1%		100-41-4	Ethylbenzene		1.333
				ACGIH TLV	100 ppm
				ACGIH STEL	125 ppm
				OSHA PEL	100 ppm
				OSHA STEL	125 ppm
< 1%		108-94-1	Cyclohexanone		0.266
				ACGIH TLV	20 ppm
				ACGIH STEL	50 ppm
				OSHA PEL	50 ppm
				OSHA STEL	25 ppm

Section 3 -- HAZARDS IDENTIFICATION

ROUTES OF EXPOSURE:

Exposure may be by INHALATION and/or SKIN or EYE contact, depending on conditions of use. To minimize exposure, follow recommendations for proper use, ventilation, and personal protective equipment.

EFFECTS OF OVEREXPOSURE:

Irritation of eyes, skin and upper respiratory system. May cause nervous system depression. Extreme

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overexposure may result in unconsciousness and possibly death.

SIGNS AND SYMPTOMS OF OVEREXPOSURE:

Headache, dizziness, nausea, and loss of coordination are indications of excessive exposure to vapors or spray mists. Redness and itching or burning sensation may indicate eye or excessive skin exposure.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:

None generally recognized.

CANCER INFORMATION:

FOR COMPLETE DISCUSSION OF TOXICOLOGY DATA REFER TO SECTION 11.

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Section 4 -- FIRST AID MEASURES
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If INHALED:

If affected, remove from exposure. Restore breathing. Keep warm and quite.

If on SKIN:

Wash affected area thoroughly with soap and water. Remove contaminated clothing and launder before re-use.

If in EYES:

Flush eyes with large amounts of water for 15 minutes. Get medical attention.

If SWALLOWED:

Do not induce vomiting. Get medical attention immediately.

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Section 5 -- FIRE FIGHTING MEASURES
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FLASH POINT	LEL	UEL
-20 F	1.0	12.8

EXTINGUISHING MEDIA:

Use National Fire Protection Association (NFPA) Class B extinguishers (carbon dioxide, dry chemical, or universal aqueous film forming foam) designed to extinguish NFPA Class IB flammable liquid fires. Water spray may be ineffective. Water spray may be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Containers may explode when exposed to extreme heat. Application to hot surfaces requires special precautions. During emergency conditions overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.

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Section 5 -- FIRE FIGHTING MEASURES
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SPECIAL FIRE FIGHTING PROCEDURES:

Full protective equipment including self-contained breathing apparatus should be used. Water spray may be ineffective. If water is used, fog nozzles are preferable. Water may be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat.

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Section 6 -- ACCIDENTAL RELEASE MEASURES
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STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Provide maximum ventilation. Only personnel equipped with proper respiratory, skin, and eye protection should be permitted in the area. Remove all sources of ignition. Take up spilled material with sand, vermiculite, or other noncombustible absorbent material and place in clean, empty containers for disposal. Only the spilled material and the absorbent should be placed in this container.

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Section 7 -- HANDLING RELEASE MEASURES
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PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

Keep away from heat, sparks, and open flame. Vapors will accumulate readily and may ignite explosively. During use and until all vapors are gone: Keep area ventilated - Do not smoke - Extinguish all flames, pilot lights, and heaters - Turn off stoves, electric tools and appliances, and other sources of ignition. Consult NFPA Code. Use approved bonding and grounding procedures. Contents under pressure. Do not puncture, incinerate, or expose to temperature above 120F. Heat from sunlight, radiators, stoves, hot water, and other heat sources could cause container to burst. Do not take internally. Keep out of the reach of children.

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Section 8 -- EXPOSURE CONTROLS / PERSONAL PROTECTION
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PRECAUTIONS TO BE TAKEN IN USE:

Use only with adequate ventilation. Avoid contact with skin and eyes. Avoid breathing vapor and spray mist. Wash hands after using. This coating may contain materials classified as nuisance particulates (listed "as Dust"

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in section 2) which may be present at hazardous levels only during sanding or abrading of the dried film. If no specific dusts are listed in section 2, the applicable limits for nuisance dust are ACGIII TLV 10 mg/m3 (total dust), 3 mg/m3 (respirable fraction), OSHA PEL 15 mg/m3 (total dust), 5 mg/m3 (respirable fraction). Removal of old paint by sanding, scraping, or other means may generate dust or fumes that contain lead.

VENTILATION:

Local exhaust preferable. General exhaust acceptable if the exposure to materials in section 2 is maintained below applicable exposure limits. Refer to OSHA Standards 1910.94, 1910.107, 1910.108.

RESPIRATORY PROTECTION:

If personal exposure cannot be controlled below applicable limits by ventilation, wear a properly fitted organic vapor/particulate respirator approved by NIOSH/MSHA for protection against materials in section 2. When sanding or abrading the dried film, wear a dust/mist respirator approved by NIOSH/MSHA for dust which may be generated from this product, underlying paint, or the abrasive.

PROTECTIVE GLOVES:

None required for normal application of these products where minimal skin contact is expected. For long repeated contact, wear chemical resistant gloves.

EYE PROTECTION:

Wear safety spectacles with unperforated sideshields.

OTHER PRECAUTIONS:

Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal.

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Section 9 -- PHYSICAL AND CHEMICAL PROPERTIES
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PRODUCT WEIGHT	7.421 lb/gal	889 g/l
SPECIFIC GRAVITY	0.890	
BOILING POINT	0 - 304 F	-17 - 151 C
VOLATILES	72.2 % by wt	73.7 % by vol
EVAPORATION RATE	Same as ether	
VAPOR DENSITY	Heavier than air	
REGULATORY VOC	4.88 lb/gal	584 g/l
ACTUAL VOC	3.49 lb/gal	418 g/l

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Section 10 -- STABILITY AND REACTIVITY
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STABILITY:

This product is normally stable and will not undergo hazardous reactions.

CONDITIONS TO AVOID:

None Known.

INCOMPATIBILITY:

Avoid contact with strong alkalis, strong mineral acids, or strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS:

Carbon monoxide, carbon dioxide, oxides of sulfur, oxides of barium, lower molecular weight polymer fractions.

HAZARDOUS POLYMERIZATION:

None Known.

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Section 11 -- TOXICOLOGICAL INFORMATION
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CAS No.	Ingredient Name				
123-86-4	n-butyl Acetate	LC50	RAT	4HR	>13.2 m/l
		LD50	RAT		13400 mg/kg
67-64-1	Acetone	LC50	RAT	4HR	N/E
		LD50	RAT		5800 mg/kg
78-93-3	Methyl Ethyl Ketone	LC50	RAT	4HR	N/E
		LD50	RAT		N/E
110-43-0	Methyl n-Amyl Ketone	LC50	RAT	4HR	2000-4000 ppm
		LD50	RAT		1600 mg/kg
108-88-3	Toluene	LC50	RAT	4HR	N/E
		LD50	RAT		N/E
1330-20-7	Xylene	LC50	RAT	4HR	5000 ppm

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100-41-4	Ethylbenzene	LD50	RAT		4300 mg/kg
		LC50	RAT	4HR	N/E
		LD50	RAT		3500 mg/kg
108-94-1	Cyclohexanone	LC50	RAT	4HR	8000 ppm
		LD50	RAT		1535 mg/kg

Section 12 -- ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION:

ECOTOXICITY: No Information Available

ENVIRONMENTAL FATE:

MOBILITY: No Information Available
BIODEGRADATION: No Information Available
BIOACCUMULATION: No Information Available

PHYSICAL/CHEMICAL:

HYDROLYSIS: No Information Available
PHOTOLYSIS: No Information Available

Section 13 -- DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD:

Waste from this product may be hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Do not incinerate. Depressurize container. Dispose of in accordance with Federal, State, and Local regulations regarding pollution.

Section 14 -- TRANSPORT INFORMATION

Proper Shipping Name: Consumer Commodity
NOS Technical Name: ORM-D
Hazard Class: N/A
UN Number: N/A
Packing Group: N/A

Section 15 -- REGULATORY INFORMATION

SARA 313:

CAS No.	CHEMICAL/COMPOUND	% by WT
78-93-3	Methyl Ethyl Ketone	5.1
108-88-3	Toluene	23.8
1330-20-7	Xylene	0.5
100-41-4	Ethylbenzene	0.3
108-94-1	Cyclohexanone	0.1

CALIFORNIA PROPOSITION 65

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

TSCA CERTIFICATION:

U.S. TSCA: This product and/or all of its components are listed on the U.S. TSCA Inventory or is otherwise exempt from TSCA Inventory reporting requirements.

Section 16 -- OTHER INFORMATION

DISCLAIMER:

Do not handle until the manufacturer's safety precautions have been read and understood. Regulations require that all employees be trained on Material Safety Data Sheets for all products with which they come in contact. While we believe that the data contained herein is accurate and derived from qualified sources, the data are not to be taken as a warranty or representation for which we assume legal responsibility. They are offered solely for your consideration, investigation, and verification. Any use of these data and information must be determined by the user to be in accordance with applicable federal, state, provincial, and local laws and regulations.

ENVIRONMENTAL DATA SHEET

All data given below are MAXIMUM THEORETICAL VALUES based on the product AS CURRENTLY FORMULATED. Variations may occur on individual batches due to adjustments made during production.

PRODUCT NUMBER
PP# 1750

PRODUCT NAME
Base Coat Binder

PRODUCT WEIGHT	SPECIFIC GRAVITY	FLASH POINT
7.421 lb/gal	0.890	-20 - 102 F

VOLATILE INGREDIENTS NAME	CAS No.	CERC.	SARA 313 TC	HAPS 112	PCT by Wt	PCT by Vol
Methyl Ethyl Ketone	78-93-3		X		5.1	5.6
Toluene	108-88-3		X	X	23.8	24.6
Xylene	1330-20-7	X	X	X	0.5	0.5
Ethylbenzene	100-41-4	X	X	X	0.3	0.3
Cyclohexanone	108-94-1	X	X		0.1	0.1

VOLATILE ORGANIC COMPOUNDS

A. Coating Density	7.42 lb/gal	890 g/l
B. Total Volatiles	72.3 % by wt	73.7 % by vol
Exempt Volatiles	25.2 % by wt	28.4 % by vol
Water	0.0 % by wt	0.0 % by vol
C. Organic Volatiles	47.1 % by wt	45.3 % by vol
D. Percent Non-Volatile	27.7 % by wt	26.3 % by vol
E. Regulatory VOC	4.88 lb/gal	584 g/l
Actual VOC	3.49 lb/gal	418 g/l
Solids	2.06 lb/gal	247 g/l

WASTE DISPOSAL

Waste from this product may be hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Waste must be tested for ignitability to determine the applicable EPA hazardous waste numbers. The addition of reducers or other additives to this product may substantially alter the above data. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information.