



Material Safety Data Sheet

Revision 1
Prepared 2011-05-09

Section 1 - Product and Company Information

Product Name: Aqua-Flex WB/FC™ Part A CLEAR

Product Code: AQ-600 A

Manufacturer: HP Spartacote, Inc USA
810 Brickyard Circle #1
Golden, CO 80403

In Case of Emergency: CHEMTREC 800-424-9300

Section 2 - Composition Information on Ingredients

Chemical Name / CAS No	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
Oxirane 25085-99-8 50 to 60%			
Water 7732-18-5 40 to 50%			

Section 3 - Hazards Identification

WARNING!

CAUSES EYE AND SKIN IRRITATION. MAY CAUSE ALLERGIC SKIN REACTION. MAY CAUSE RESPIRATORY TRACT IRRITATION. HEATED MATERIAL CAN CAUSE THERMAL BURNS.

Health	2
Flammability	1
Physical Hazard	0
Personal Protection	X

HMIS Rating

Primary Routes of Entry:

Eye Contact Ingestion

Target Organs:

Skin

Inhalation: Slightly irritating to the respiratory system.

Ingestion: Not expected to be harmful under normal conditions of use.

Skin: Irritating to skin. May cause sensitization by skin contact. Heated material can cause thermal burns.

Eyes: Irritating to eyes. Heated material can cause thermal burns.

Carcinogenicity: No known significant effects or critical hazards.

Chronic effects: No known significant effects or critical hazards.

Section 4 - First Aid Measures

Inhalation: Remove source of contamination or move victim to fresh air. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Obtain medical advice if symptoms persist.

Eyes: Immediately flush the contaminated eye(s) with lukewarm, gently flowing water for 15-20 minutes, while holding the eyelid(s) open. Take care not to rinse contaminated water into the unaffected eye or onto the face. Immediately obtain medical attention.

Skin: Remove contaminated clothing, shoes and leather goods. Quickly and gently blot or brush away excess chemical. Immediately wash with lukewarm, gently flowing water and non-abrasive soap for 15-20 minutes. Completely decontaminate clothing, shoes and leather goods before reuse or discard.

Ingestion: Never give anything by mouth if victim is rapidly losing consciousness, is unconscious or convulsing. DO NOT INDUCE VOMITING. Have victim drink 60 to 240 ml (2 to 8 oz.) of water. If vomiting occurs naturally, have victim rinse mouth with water again. Obtain medical attention.

Notes to physician: No specific treatment. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

Section 5 - Firefighting Measures

Flash Point: 250 C (482 F)

LEL: N/A

UEL: N/A

Extinguishing Media: Use dry chemical, foam or fog.

Unusual Fire and Explosion Hazards: Isolate from heat, electrical equipment, sparks and opened flame. In a fire or if heated, a pressure increase will occur and the container may burst. Toxic gases may be released during fire.

Hazardous Combustion Products: See Section 10 for a list of hazardous decomposition products for this material.

Fire Fighting: If evacuation of personnel is necessary, evacuate to an upwind area. Decontaminate personnel and equipment with water wash-down after fire and smoke exposure.

Section 6 - Accidental Release Measures

Spill and Leak Procedures: Ensure cleanup personnel wear all appropriate Personal Protective Equipment (PPE), including respiratory protection.

Small Spills: Use an absorbent like sawdust for aqueous, waterborne or solvent-borne coatings. Collect the saturated sorbent and transfer it into a covered container. Steel containers are acceptable for all wastes except wastes which contain acid. Use suitable plastic containers for acid-bearing wastes. Label the waste containers. Dispose of the waste in compliance with all federal, state, regional and local regulations.

Large Spills: Prevent this material from entering sewers and watercourses by diking or impounding the spilled material. Advise authorities if the product has entered or may enter sewers, watercourses or extensive land areas. Use an absorbent like sawdust for aqueous, waterborne or solvent-borne coatings. Collect the saturated sorbent and transfer it into a covered container. Steel containers are acceptable for all wastes except wastes which contain acid. Use suitable plastic containers for acid-bearing wastes. Label the waste container. Dispose of the waste in compliance with all federal, state, regional and local regulations.

Section 7 - Handling and Storage

Handling: Put on appropriate personal protective equipment. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Persons with history of skin sensitization problems should not be employed in any process in which this product is used. Wear appropriate respirator when ventilation is inadequate. Do not reuse containers.

Storage: Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Keep container tightly closed and sealed until ready to use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. Note: the resin may be handled, shipped and stored at elevated temperature in bulk.

Section 8 - Exposure Controls / Personal Protection

Engineering Controls: Use only with adequate ventilation. If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

Ventilation: Use process enclosures, local exhaust, ventilation or other engineering controls to maintain airborne exposure levels below recommended exposure limits. Controls should be sufficient so that applicable occupational exposure limits are not exceeded.

Respiratory Protection: If engineering controls do not maintain airborne concentrations below recommended exposure limits, an approved respirator must be worn. If respirators are used, a program should be instituted to assure compliance with applicable federal, state, commonwealth, provincial or local laws and regulations.

Eye Protection: Wear safety glasses, glasses with side shields or goggles.

Skin and Body Protection: Wear chemical resistant, impervious gloves and protective clothing appropriate for the risk of exposure.

Section 9 - Physical and Chemical Properties

This product typically exhibits the following properties under normal conditions:

Appearance	Viscous liquid dispersion
Odor	
Physical State	Liquid
Vapor Pressure	19 mmHg @ 21 C
Boiling Point	212 C
% Wt HAPS	0.00
% Vol Exempt	0.00
% Wt Exempt	0.00
% Wt Water	43.00
Specific Gravity (SG)	1.080
Formula Lb / Gal	9.01
% Wt Solids	57.00
% Vol Solids	42.00
Lb VOC/Gal less water	0.00
Grams VOC/Liter (EU)	0.00

Section 10 - Stability and Reactivity

Stability:

Stable

Components of this product are incompatible with the following materials:

Strong oxidizing agents

Mineral acids

Strong bases

Reaction with peroxides may result in violent decomposition of peroxide possibly creating an explosion.

This product is likely to exhibit the following combustion products:

Carbon dioxide

Carbon monoxide

Hazardous polymerization will not occur.

Section 11 - Toxicological Information

Oxirane

LD 50: No Data Available

Section 12 - Ecological Information

This product has not been tested for environmental effects.

Section 13 - Disposal Considerations

Discharge, treatment or disposal is subject to federal, state, commonwealth, provincial and local laws. Since empty containers retain product residue, follow label warnings even after container is emptied. Residual vapors may explode on ignition; do not cut, drill, grind or weld on or near this container.

Section 14 - Transport Information

<u>Agency</u>	<u>Proper Shipping Name</u>	<u>UN Number</u>	<u>Packing Group</u>	<u>Hazard Class</u>
DOT	PAINT, NON-HAZ, NONREGULATED			
ICAO/IATA	PAINT, NON-HAZ, NONREGULATED			
TDG	PAINT, NON-HAZ, NONREGULATED			

Section 15 - Regulatory Information

Pennsylvania RTK:

25085-99-8 Oxirane 50 to 60 percent

The following components are listed on the TSCA Inventory:

7732-18-5 Water 40 - 50%

The following components are SARA 311/312 hazards:

25085-99-8 Oxirane 50 - 60%

Section 16 - Other Information

Material Safety Data Sheets (MSDS) are available free of charge for every product that is manufactured. Before using any paint product, we strongly recommend that you read and follow the precautions listed on the MSDS.

This supersedes all previous publications. Always consult your representative for the latest product information and recommendations.

The information presented herein has been compiled from sources considered to be dependable and accurate to the best of the seller's knowledge. However, seller makes no warranty whatsoever, expressed, implied or of merchantability regarding the accuracy of such data or the results to be obtained from the use thereof. Seller assumes no responsibility for injury to buyer or third party or any damage to property. Buyer assumes all such risks.



Material Safety Data Sheet

Revision 1
Prepared 2011-05-06

Section 1 - Product and Company Information

Product Name: Aqua-Flex WB/FC Part B Activator
Sand Beige and Light Grey

Product Code: AQ-600 B

Manufacturer: HP Spartacote, Inc. USA
810 Brickyard Circle #1
Golden, CO 80403

In Case of Emergency: CHEMTREC 800-424-9300

Section 2 - Composition Information on Ingredients

Chemical Name / CAS No	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
Water 7732-18-5 30 to 40%			
Non-regulated Material Non-regulated 20 to 30%			
Titanium Dioxide (Dust) 13463-67-7 20 to 30%	The OSHA TWA is 15 mg/m3.	The ACGIH TLV is: 10 mg/m3 (total dust containing no asbestos).	NIOSH REL = potential occupational carcinogen. The NIOSH IDLH = (Ca) 5,000 mg/m3. HSE TWA for titanium dioxide is 10 mg/m3 (total dust) and 5 mg/m3 (respirable fraction). The DFG MAK is 6.0 mg/m3.
Propylene Glycol Monomethyl Ether 107-98-2 5 to 10%	There is no OSHA PEL.	NIOSH, DFG MAK, HSE and ACGIH have adopted a TWA value of 100 ppm (360 mg/m3) and set a STEL of 150 ppm (540 mg/m3).	Several states have set guidelines or standards for PGME in ambient air ranging from 3.6 – 5.4 mg/m3 (North Dakota) to 6.0 mg/m3 (Virginia) to 7.2 mg/m3 (Connecticut).
Talc (No Asbestos and <1% Quartz) 14807-96-6 1 to 5%	The OSHA TWA is 20 mppcf (million particles per cubic foot of air).	NIOSH and ACGIH recommend a TWA (respirable fraction) for talc containing no asbestos fibers of 2 mg/m3.	For talc containing asbestos fibers, the TWA for asbestos should be used. HSE has set an 8-hour TWA of 10 mg/m3 of total inhalable dust and 1.0 mg/m3 of respirable dust.

Section 3 - Hazards Identification

WARNING!

CAUSES EYE AND SKIN IRRITATION. MAY CAUSE ALLERGIC SKIN REACTION. MAY CAUSE RESPIRATORY TRACT IRRITATION. HEATED MATERIAL CAN CAUSE THERMAL BURNS.

Primary Routes of Entry:

Inhalation Skin Contact Eye Contact Ingestion

Target Organs:

Eyes Nervous System

Health	2*
Flammability	2
Physical Hazard	0
Personal Protection	X

HMIS Rating

Inhalation: Slightly irritating to the respiratory system.

Ingestion: Not expected to be harmful under normal conditions of use.

Skin: Irritating to skin. May cause sensitization by skin contact. Heated material can cause thermal burns.

Eyes: Irritating to eyes. Heated material can cause thermal burns.

Effects of Overexposure, Unifloor WBE600 Part B:

Short Term Exposure Propylene glycol monomethyl ether can affect you when breathed in and by passing through your skin. Contact can irritate the eyes and skin. Exposure can irritate the nose and throat. Very high levels may cause lung, liver, and kidney damage. Very high levels of propylene glycol monomethyl ether may cause central nervous system depression; dizziness and lightheadedness, and unconsciousness. Inhalation of dust can cause irritation of the eyes and respiratory tract, causing cough and phlegm. Irritates the skin. Talc dust can affect you when breathed in. Can cause eye and lung irritation.

Long Term Exposure Causes skin dryness; dermatitis. May cause liver and kidney damage. Can irritate the lungs; bronchitis may develop. High exposures to dust may cause lung irritation; bronchitis may develop. Continued exposure may result in emphysema, lung scarring, lung fibrosis, and tumors. A potential occupational carcinogen. Dust may affect the lungs causing talc fibrotic pneumoconiosis. Repeated high exposure can cause scarring of the lungs. Symptoms of shortness of breath and cough can develop. This disease can be disabling and fatal. Talc can cause the chest x-ray to become abnormal. Contact can cause eye irritation, and may lead to a reaction causing serious eye damage.

Carcinogenicity: No known significant effects or critical hazards.

Chronic effects: No known significant effects or critical hazards.

Section 4 - First Aid Measures

Inhalation: Remove source of contamination or move victim to fresh air. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Obtain medical advice if symptoms persist.

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Skin: Remove contaminated clothing, shoes and leather goods. Quickly and gently blot or brush away excess chemical. Immediately wash with lukewarm, gently flowing water and non-abrasive soap for 15-20 minutes. Completely decontaminate clothing, shoes and leather goods before reuse or discard.

Ingestion: Never give anything by mouth if victim is rapidly losing consciousness, is unconscious or convulsing. DO NOT INDUCE VOMITING. Have victim drink 60 to 240 ml (2 to 8 oz.) of water. If vomiting occurs naturally, have victim rinse mouth with water again. Obtain medical attention.

Notes to physician: No specific treatment. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

Section 5 - Firefighting Measures

Flash Point: 135 C (275 F)

LEL: 1.6 %

UEL: 13.8 %

Extinguishing Media: Use dry chemical, foam or fog.

Unusual Fire and Explosion Hazards: Isolate from heat, electrical equipment, sparks and opened flame. In a fire or if heated, a pressure increase will occur and the container may burst. Toxic gases may be released during fire.

Hazardous Combustion Products: See Section 10 for a list of hazardous decomposition products for this material.

Fire Fighting: If evacuation of personnel is necessary, evacuate to an upwind area. Decontaminate personnel and equipment with water wash-down after fire and smoke exposure.

Section 6 - Accidental Release Measures

Spill and Leak Procedures: Ensure cleanup personnel wear all appropriate Personal Protective Equipment (PPE), including respiratory protection.

Small Spills: Use an absorbent like sawdust for aqueous, waterborne or solvent-borne coatings. Collect the saturated sorbent and transfer it into a covered container. Steel containers are acceptable for all wastes except wastes which contain acid. Use suitable plastic containers for acid-bearing wastes. Label the waste containers. Dispose of the waste in compliance with all federal, state, regional and local regulations.

Large Spills: Prevent this material from entering sewers and watercourses by diking or impounding the spilled material. Advise authorities if the product has entered or may enter sewers, watercourses or extensive land areas. Use an absorbent like sawdust for aqueous, waterborne or solvent-borne coatings. Collect the saturated sorbent and transfer it into a covered container. Steel containers are acceptable for all wastes except wastes which contain acid. Use suitable plastic containers for acid-bearing wastes. Label the waste container. Dispose of the waste in compliance with all federal, state, regional and local regulations.

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Storage: Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Keep container tightly closed and sealed until ready to use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. Note: the resin may be handled, shipped and stored at elevated temperature in bulk.

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Engineering Controls: Use only with adequate ventilation. If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

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Eye Protection: Wear safety glasses, glasses with side shields or goggles.

Skin and Body Protection: Wear chemical resistant, impervious gloves and protective clothing appropriate for the risk of exposure.

Section 9 - Physical and Chemical Properties

This product typically exhibits the following properties under normal conditions:

Appearance	Viscous liquid dispersion
Odor	
Physical State	Liquid
Vapor Density	3.12
Vapor Pressure	12 mm Hg @ 25 c
Boiling Point	120 C
% Wt HAPS	0.14
% Vol Exempt	65.36
% Wt Exempt	35.05
% Wt Water	34.64
Specific Gravity (SG)	1.291
Formula Lb / Gal	10.78
% Wt Solids	23.41
% Vol Solids	19.10
Lb VOC/Gal less water	1.14
Grams VOC/Liter (EU)	89.15

Section 10 - Stability and Reactivity

Stability:

UNSTABLE

Components of this product are incompatible with the following materials:

Strong acids
Strong oxidizing agents
Strong bases
Aluminum
Copper

This product is likely to exhibit the following combustion products:

Carbon dioxide
Carbon monoxide

Hazardous polymerization will not occur.

Section 11 - Toxicological Information

Propylene Glycol Monomethyl Ether

LC 50: Inhalation rat: 10,000 ppm/5hr

LD 50: Oral rat 5660 mg/kg; skin rabbit: 13,000 mg/kg

Section 12 - Ecological Information

This product has not been tested for environmental effects.

Section 13 - Disposal Considerations

Discharge, treatment or disposal is subject to federal, state, commonwealth, provincial and local laws. Since empty containers retain product residue, follow label warnings even after container is emptied. Residual vapors may explode on ignition; do not cut, drill, grind or weld on or near this container.

Section 14 - Transport Information

<u>Agency</u>	<u>Proper Shipping Name</u>	<u>UN Number</u>	<u>Packing Group</u>	<u>Hazard Class</u>
DOT	PAINT, NON-HAZ, NONREGULATED			
ICAO/IATA	PAINT, NON-HAZ, NONREGULATED			
TDG	PAINT, NON-HAZ, NONREGULATED			

Section 15 - Regulatory Information

The following chemicals are regulated under California Proposition 65:

13463-67-7 Titanium Dioxide (Dust) 20 to 30 percent
107-98-2 Propylene Glycol Monomethyl Ether 5 to 10 percent
14807-96-6 Talc (No Asbestos and <1% Quartz) 1 to 5 percent
64-19-7 Acetic Acid 0.1 to 1.0 percent
111-40-0 Diethylene Triamine 0.1 to 1.0 percent
100-41-4 Ethyl Benzene 80 to 90 PPM

The following components are listed on the TSCA Inventory:

107-98-2 Propylene Glycol Monomethyl Ether 5 - 10%
7732-18-5 Water 30 - 40%
Non-regulated Non-regulated Material 20 - 30%
13463-67-7 Titanium Dioxide (Dust) 20 - 30%
14807-96-6 Talc (No Asbestos and <1% Quartz) 1.0 - 5%

The following components are SARA 311/312 hazards:

107-98-2 Propylene Glycol Monomethyl Ether 5 - 10%

Section 16 - Other Information

Material Safety Data Sheets (MSDS) are available free of charge for every product that is manufactured. Before using any paint product, we strongly recommend that you read and follow the precautions listed on the MSDS.

This supersedes all previous publications. Always consult your representative for the latest product information and recommendations.

The information presented herein has been compiled from sources considered to be dependable and accurate to the best of the seller's knowledge. However, seller makes no warranty whatsoever, expressed, implied or of merchantability regarding the accuracy of such data or the results to be obtained from the use thereof. Seller assumes no responsibility for injury to buyer or third party or any damage to property. Buyer assumes all such risks.