



Spartan Chemical Company, Inc. Material Safety Data Sheet

583405
QQ-5831

SECTION I: PRODUCT INFORMATION

Product Name or Number (as it appears on label):

AQUASPORT TWO PART WOOD FLOOR FINISH PART A

Product Number: 5832; 5835

5832 [Part A of Kit No. 5831-04] /

5835-05 [Part A of Kit No. 5834-00]

Product Division:

Janitorial

Spartan Chemical Company, Inc.

1110 Spartan Drive

Maumee, OH 43537

Product/Technical Information: **1-(800)-537-8990**

Medical Emergency: **1-(888)-314-6171 (24 hours)**

Chemical Leak/Spill Emergency: **CHEMTREC 1-(800) 424-9300 (24 hours)**

Shipping Description: Buffing, polishing compounds, liquid, n.o.s.

NFPA Ratings:	HMIS Ratings:
Health: 1 - Slight Fire: 0 - Minimal Reactivity: 0 - Minimal	Health: *1 - Slight; Chronic Hazard Fire: 0 - Minimal Reactivity: 0 - Minimal Pers. Prot. Equip.: See Section VIII

SECTION II: HAZARDOUS INGREDIENTS

(Listed when present at 1% or greater, carcinogens at 0.1% or greater) All component chemicals are listed or exempted from listing on the "TSCA Inventory" of chemical substances maintained by the U.S. Environmental Protection Agency.

Chemical Name(s)	%Wt	CAS Registry No.	Table Z-1-A			NTP, IARC or OSHA Carcinogen
			TWA mg/m ³	STEL mg/m ³	CEILING mg/m ³	
Urethane polymer	20-30	Proprietary	Not Established	Not Established	Not Established	No
*Methylpyrrolidone	5-10	872-50-4	Not Established	Not Established	Not Established	No
Acrylic polymer	1-5	Proprietary	Not Established	Not Established	Not Established	No
Dipropylene glycol methyl ether	1-5	34590-94-8	600 [skin]	909 skin ACGIH	Not Established	No
Triethylamine	1-5	121-44-8	100 (OSHA) 4.1 skin (ACGIH)	12 (ACGIH)	Not Established	No

Comment: *This substance is subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (SARA) and of 40 CFR 372.

SECTION III: PHYSICAL DATA

Boiling Point: 215 °F	Vapor Pressure: Unknown
Vapor Density (AIR = 1): Unknown	Solubility in Water: Complete
pH: 7.5-8.5	Specific Gravity (H ₂ O=1): 1.048
Evaporation Rate (but.acet.=1): <1	Percent Solid by Weight: 25-35%
Physical State: Liquid	
Appearance & Odor: Light tan, resinous odor	

SECTION IV: FIRE & EXPLOSIVE HAZARD DATA

Flash Point: > 215°F	Method Used: ASTM-D56
Flammable Limits: Not Established	Flame Extension: N/A
Extinguishing Media: Water fog, foam, carbon dioxide, dry chemical.	
Special Fire Fighting Procedures: Wear NIOSH approved self-contained breathing apparatus and protective clothing. Cool fire-exposed containers with water spray.	
Unusual Fire & Explosive Hazards: Material can splatter above 215° F. Dried product can burn. Combustion products are toxic.	

SECTION V: HEALTH HAZARD DATA

Threshold Limit Value:	Not Established	Primary Routes of Entry:	Inhalation, Skin Contact, Eyes and Oral.
Effects of Overexposure- Conditions to Avoid:	Causes eye and skin irritation. Symptoms may include redness, pain and swelling. Harmful if swallowed. Symptoms may include nausea, vomiting, pain and diarrhea. Inhalation of vapors may cause respiratory irritation, headache and nausea. Contains Methylpyrrolidone which has demonstrated embryotoxic and testicular effects after repeated high doses in animal studies. Due to the low vapor pressure of methylpyrrolidone, dermal exposure represents the primary hazard in most settings. Contains triethylamine which may cause effects on the liver, kidney, heart and temporary blurred vision. Do not get in eyes, on skin or on clothing. Avoid breathing vapors or mist. Use with adequate ventilation. Do not swallow. Wash thoroughly after handling. Observe recommended exposure limits.		
Conditions Aggravated by Use:	Use of this product may aggravate preexisting skin; eye and respiratory disorders including asthma and dermatitis.		
Emergency & First Aid Procedures:			
Eyes:	Immediately flush eyes with water for at least 15 minutes. Remove contact lenses. Get medical attention.		
Skin:	Remove contaminated clothing. Flush skin thoroughly with plenty of water. Get medical attention if irritation persists. Wash contaminated clothing before reuse.		
Ingestion:	Do not induce vomiting. Drink one or two glasses of water to dilute product. Get immediate medical attention. Do not give anything by mouth to an unconscious person.		
Inhalation:	Move person to fresh air. Get medical attention if irritation persists.		

SECTION VI: REACTIVITY DATA

Stability:	Stable	Incompatible Materials:	Oxidizing agents
Hazardous Decomposition Products:	Carbon oxides, nitrogen oxides	Hazardous Polymerization:	Will Not Occur

SECTION VII: SPILL OR LEAK PROCEDURES

Steps to be Taken in Case Material is Released or Spilled:	Dike and contain spill with inert material (sand, earth, commercial absorbent, etc.) and transfer to containers for disposal. Keep spill out of storm sewers and waterways.
Waste Disposal Method:	Consult an expert on disposal of recovered material and ensure conformity with federal, state and local regulations.

SECTION VIII: SPECIAL PROTECTION INFORMATION

Respiratory Protection:	Not normally needed when good ventilation is provided. However, if exposure limits are exceeded (see Section II) or if respiratory irritation occurs, use of a NIOSH approved respirator suitable for the conditions of use and substances in Section II should be considered.
Ventilation:	Provide good general ventilation. Local exhaust ventilation may be necessary for some operations.
Protective Gloves(Specify Type):	Use of nitrile, neoprene or other impervious gloves are recommended to prevent skin contact.
Eye Protection(Specify Type):	Use of Splash goggles is recommended to prevent eye contact.
Other Protective Equipment:	For further guidance see 29 CFR 1910.132-138.

SECTION IX: SPECIAL PRECAUTIONS

Precautions; Handling & Storing:	Medical personnel should evaluate workers with chronic pulmonary disease before those workers handle AquaSport Two Part Wood Floor Finish. Do not use this product with spray application or in a manner which could produce product mists. Keep container tightly sealed. Store in a cool, well ventilated area away from heat, direct sunlight and oxidizing agents. Keep from freezing.
Other Precautions:	Keep out of reach of children.

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**AQUASPORT TWO PART WOOD
FLOOR FINISH PART A**

Ref: 29 CFR 1910.1200 (OSHA)

Name: Ronald T. Cook
Effective Date: 06/30/2005

Changes: Update Section IX

Title: Manager, Regulatory Affairs
Supercedes: 11/15/2004

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Spartan Chemical Company, Inc.
Material Safety Data Sheet

583405

SECTION I: PRODUCT INFORMATION

Product Name or Number (as it appears on label):

AQUASPORT TWO PART WOOD FLOOR FINISH PART B

Product Number: 5833 [Part B of Kit No. 5831-04] /
5836 [Part B of Kit No. 5834-00]

Product Division:

Janitorial

Spartan Chemical Company, Inc.
1110 Spartan Drive
Maumee OH 43537

Product/Technical Information: **1-(800)-537-8990**

Medical Emergency: **1-(888)-314-6171 (24 hours)**

Chemical Leak/Spill Emergency: **CHEMTREC 1-(800) 424-9300 (24 hours)**

Shipping Description: Buffing, polishing compounds, liquid, n.o.s.

NFPA Ratings:	HMIS Ratings:
Health: 3 - Serious Fire: 1- Slight Reactivity: 1- Slight	Health: *3 - Serious; Chronic Hazard Fire: 1- Slight Reactivity: 1- Slight Pers. Prot. Equip.: See Section VIII

SECTION II: HAZARDOUS INGREDIENTS

(Listed when present at 1% or greater, carcinogens at 0.1% or greater) All component chemicals are listed or exempted from listing on the "TSCA Inventory" of chemical substances maintained by the U.S. Environmental Protection Agency.

Chemical Name(s)	%Wt	CAS Registry No.	Table Z-1-A			NTP, IARC or OSHA Carcinogen
			TWA mg/m ³	STEL mg/m ³	CEILING mg/m ³	
Polyfunctional aziridine	80-100	64265-57-2	Not Established	Not Established	Not Established	No

SECTION III: PHYSICAL DATA

Boiling Point: 200 °F	Vapor Pressure: Not established
Vapor Density (AIR = 1): Not established	Solubility in Water: Complete
pH: Not applicable	Specific Gravity (H ₂ O=1): 1.07
Evaporation Rate (but.ac.=1): Not established	Percent Solid by Weight: 90-100
Physical State: Liquid	
Appearance & Odor: Clear pale yellow liquid, amine odor	

SECTION IV: FIRE & EXPLOSIVE HAZARD DATA

Flash Point: > 200°F	Method Used: ASTM-D56
Flammable Limits: N/A	Flame Extension: N/A
Extinguishing Media: Carbon dioxide, water spray, dry chemical	
Special Fire Fighting Procedures: Wear NIOSH approved self-contained breathing apparatus and protective clothing. Cool fire-exposed containers with water spray. Use caution when approaching heated container because of danger of rupturing.	
Unusual Fire & Explosive Hazards: Combustion products are toxic.	

SECTION V: HEALTH HAZARD DATA

Threshold Limit Value: Not Established

Primary Routes of Entry: Inhalation, Skin Contact, Eyes and Oral.

Effects of Overexposure- **CORROSIVE TO THE EYE:** Symptoms may include pain, redness, swelling of the conjunctiva and tissue damage.
Conditions to Avoid: **CAUSES SKIN IRRITATION :** Symptoms may include redness, swelling, pain, rash, scaling, blistering and possible dermatitis. Can cause dermal sensitization.
HARMFUL IF SWALLOWED: Symptoms may include irritation of mouth, throat and digestive tract.
HARMFUL VAPOR: Inhalation of vapor or mist can cause severe irritation of the nose; throat and lungs. Symptoms may include coughing; tightness in chest and /or asthmatic wheezing. Can cause respiratory sensitization.
Contains Polyfunctional aziridine which can cause dermal and pulmonary sensitization. Sensitized individuals should not be exposed to any concentration of this material. Aziridine based crosslinkers have caused mutations and chromosomal aberrations in several invitro and invivo genotoxic studies. Based on these studies and animal carcinogenicity data on similar substances, this product should be treated as a potential carcinogen.
DO NOT GET IN EYES, ON SKIN OR CLOTHING. DO NOT BREATHE PRODUCT VAPORS OR MIST. DO NOT SWALLOW OR TASTE. WASH THOROUGHLY AFTER HANDLING.

Conditions Aggravated by Use: Individuals with prior allergenic reaction to aziridine based substances must not be exposed to this product. Use or exposure to this product may aggravate preexisting eye; skin and respiratory disorders. (such as dermatitis; asthma; bronchitis or emphysema)

Emergency & First Aid Procedures:

Eyes: Immediately flush eyes with water for at least 15 minutes. Remove contact lenses. Get prompt medical attention.

Skin: Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention. Wash contaminated clothing before reuse. Wash contaminated clothing separately from other laundry. Do not take contaminated clothing home to be laundered.

Ingestion: Do not induce vomiting. Drink one or two glasses of water to dilute product. Get immediate medical attention. Do not give anything by mouth to an unconscious person.

Inhalation: In case of respiratory irritation; move person to fresh air. If breathing is difficult give oxygen. Give artificial respiration if breathing has stopped. Get prompt medical attention.

Note to Physician: This product can be a pulmonary and skin sensitizer in some individuals. No specific antidote - treat symptomatically.

SECTION VI: REACTIVITY DATA

Stability: Stable

Incompatible Materials: Acidic materials; anhydrides; strong oxidizers.

Hazardous Decomposition Products: Under conditions of high heat or fire, decomposition may yield carbon oxides and oxides of nitrogen

Hazardous Polymerization: Hazardous polymerization may occur if this product is mixed with acidic materials.

SECTION VII: SPILL OR LEAK PROCEDURES

Steps to be Taken in Case

Material is Released or Spilled: PPE should be worn by those cleaning up spills and leaks. Ventilate area and contain spill with absorbent material such as vermiculite, sand or fuller's earth. Transfer decontaminated liquid and solid material to suitable open containers. Decontaminate with 1% acetic acid solution or one part white vinegar to four parts water. Keep spill out of storm sewers and waterways.

Waste Disposal Method: Consult an expert on disposal of recovered material and ensure conformity with federal, state and local regulations.

SECTION VIII: SPECIAL PROTECTION INFORMATION

Respiratory Protection: Not expected to be needed with non-spray application and good ventilation. However, if exposure limits are exceeded (see Section II) use of a NIOSH approved respirator suitable for the conditions of use and substances in Section II should be considered.

Ventilation: Provide good general ventilation. Local exhaust ventilation may be necessary for some operations.

Protective Gloves(Specify Type): Impervious gloves (nitrile rubber or neoprene) are recommended to prevent skin contact.

Eye Protection(Specify Type): Splash goggles are recommended to prevent eye contact.

Other Protective Equipment: Take all precautions to prevent skin contact. Use of protective clothing such as impervious arm covers; apron and other items should be considered according to conditions of use. For further guidance see 29 CFR 1910.132-138.

SECTION IX: SPECIAL PRECAUTIONS

Precautions; Handling & Storing: Medical personnel should evaluate workers with chronic pulmonary disease before those workers handle AquaSport Two Part Wood Floor Finish. Do not use this product with spray application or in a manner which

could produce product mists. Do not freeze. Store away from sources of heat. Keep away from sources of ignition and reactive materials. Store in a well ventilated area. Keep container tightly closed when not in use.

Other Precautions: Do not reuse empty container. Keep out of reach of children.

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Name: Ronald T. Cook

Title: Manager, Regulatory Affairs

**AQUASPORT TWO PART WOOD
FLOOR FINISH PART B**

Effective Date: 06/30/2005

Supercedes: 11/15/2004

Ref: 29 CFR 1910.1200 (OSHA)

Changes: Update Section IX

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