



**Spartan Chemical Company, Inc.**  
**Material Safety Data Sheet**

**SECTION I: PRODUCT INFORMATION**

Product Name or Number (as it appears on label):  
**HEPACIDE QUAT II**  
Product Number: 3251; 1251

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: Non-Hazardous Products

NFPA Ratings:	HMIS Ratings:
<b>Health:</b> 1- Slight <b>Fire:</b> 0 - Minimal <b>Reactivity:</b> 0 - Minimal	<b>Health:</b> 1- Slight <b>Fire:</b> 0 - Minimal <b>Reactivity:</b> 0 - Minimal <b>Pers. Prot. Equip.:</b> 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 <sup>3</sup>	STEL mg/m <sup>3</sup>	CEILING mg/m <sup>3</sup>	
Dialkyl dimethyl ammonium chloride	< 1.0	68424-95-3	Not Established	Not Established	Not Established	No
Alkyl dimethyl benzyl ammonium chloride	< 1.0	68424-85-1	Not Established	Not Established	Not Established	No

**SECTION III: PHYSICAL DATA**

Boiling Point: 210 °F	Vapor Pressure: Unknown
Vapor Density (AIR = 1): Unknown	Solubility in Water: Complete
pH: 6.0-7.0	Specific Gravity (H <sub>2</sub> O=1): 0.995 @ 75 F
Evaporation Rate (but. ace.=1): <1	Percent Solid by Weight: 1-5
Physical State: Liquid	
Appearance & Odor: Clear liquid, mild odor	

**SECTION IV: FIRE & EXPLOSIVE HAZARD DATA**

Flash Point: > 210°F	Method Used: ASTM-D56
Flammable Limits: NA	Flame Extension: N/A
Extinguishing Media: Product does not support combustion. Use extinguishing media appropriate for surrounding fire.	
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: Products of combustion are toxic.	

**SECTION V: HEALTH HAZARD DATA**

Threshold Limit Value:	Not Established	Primary Routes of Entry:	Inhalation, Skin Contact, Eyes and Ingestion
Effects of Overexposure-	Causes moderate eye irritation. Harmful if absorbed through the skin. May be harmful if swallowed.		
Conditions to Avoid:	Inhalation of product mist may cause respiratory irritation . Avoid contact with eyes, skin or clothing. Do not swallow. Avoid breathing product mist. Wash thoroughly with soap and water after handling.		
Conditions Aggravated by Use:	Use of this product may aggravate preexisting skin; eye and respiratory disorders including asthma and dermatitis.		
<b>Emergency &amp; First Aid Procedures :</b>			
Eyes:	Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses; if present after the first 5 minutes; then continue rinsing eye. Call a poison control center or doctor for treatment advice.		
Skin:	Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.		
Ingestion:	Do not induce vomiting. Drink one or two glasses of water to dilute product. Call a poison control center or doctor for treatment advice. Do not give anything by mouth to an unconscious person.		
Inhalation:	In case of respiratory irritation; move person to fresh air. Get medical attention if irritation persists.		

**SECTION VI: REACTIVITY DATA**

Stability:	Stable	Incompatible Materials:	Strong oxidizers
Hazardous Decomposition Products:	None	Hazardous Polymerization:	Will Not Occur

**SECTION VII: SPILL OR LEAK PROCEDURES**

Steps to be Taken in Case Material is Released or Spilled:	Small spills of one gallon or less may be flushed with plenty of water to sanitary sewer system (if permitted by local sewer regulations). Dike and contain large spills with inert material and transfer liquid to containers for disposal. Keep spill out of storm sewers and waterways.
Waste Disposal Method:	Dispose of in compliance with all federal, state and local laws and regulations.

**SECTION VIII: SPECIAL PROTECTION INFORMATION**

Respiratory Protection:	Not normally required when good general ventilation is provided. However, if exposure limits (see Section II) are exceeded or if respiratory irritation occurs, use of a NIOSH approved respirator suitable for the use-conditions and chemicals in Section II should be considered.
Ventilation:	Provide good general ventilation. Local exhaust ventilation may be necessary for some operations.
Protective Gloves(Specify Type):	Rubber or other Impervious gloves are recommended for frequent or prolonged contact.
Eye Protection(Specify Type):	Splash goggles or safety glasses are recommended.
Other Protective Equipment:	See 29 CFR 1910.132-138

**SECTION IX: SPECIAL PRECAUTIONS**

Precautions; Handling & Storing:	Keep out of reach of children
Other Precautions:	NA

© SCC 06/08/2012	Name:	Ronald T. Cook	Title:	Manager, Regulatory Affairs
HEPACIDE QUAT II	Effective Date:	06/08/2012	Supercedes:	12/22/2009
Ref: 29 CFR 1910.1200 (OSHA)	Changes:	General Review		

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## MATERIAL SAFETY DATA SHEET

Richlite® – RainShadow™ – Whalelite® – Whaleboard® – Skatelite® – Paper Composite Materials

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### Section 1: Ingredients

Chemical Family: Cured Phenol-formaldehyde

Product Use: Various within modeling and pattern making industries.

Hazard Statement: This material safety data sheet (MSDS) has been prepared in compliance with the Federal OSHA Hazard Communication Standard 29 CFR 1910.1200. This product is not considered to be a hazardous chemical under that standard.

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### Section 2: Physical Data

Appearance: Tan, odorless flat sheets

Percent Volatile: 0 (zero)

Insoluble in water

Specific Gravity: 1.24

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### Section 3: Fire and Explosion Data

Extinguishing media: Self extinguishing; remove source of heat.

Special fire fighting procedures: Use self-contained breathing apparatus.

Unusual fire and explosion data: Combustion products may be toxic.

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### Section 4: Reactivity Data

Stability: Stable

Conditions to Avoid: Excessive Heat for prolonged periods.

Incompatibility: Very strong alkali

Hazardous Decomposition Products: Combustion may form toxic materials. Oxides of carbon and nitrogen, benzene, toluene, methane, phenol, formaldehyde.

Hazardous Polymerization: Will not occur.

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### Section 5: Health Hazard Data

Primary Routes of Exposure: Eye, dermal, ingestion or inhalation of dust from abraded material.

Threshold Limit Value: Not hazardous

Overexposure effects: Completely crosslinked phenol-formaldehyde resin is inert and non-toxic.

Eye Contact: Dust that contacts the eye may be irritating or cause mechanical injury.

Skin Contact: May cause slight skin irritation.

Ingestion: It is reasonable to anticipate ingestion of the dust would be irritating to the GI tract.

Inhalation: Dust may be irritating to the respiratory tract and cause coughing or sneezing.

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### Section 6: First Aid Measures

Eyes: Immediately flush eyes with water for at least 15 minutes. See a physician if irritation persists.

Skin: Wash with soap and water. See a physician if irritation persists.

Ingestion: No harmful effects anticipated. See a physician if irritation persists.

Inhalation: No harmful effects are anticipated. If a problem develops, remove the person to fresh air and supply of oxygen if necessary.

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### Section 7: Special Protection Information

Ventilation: General mechanical and local exhaust in accordance with ACGIH recommendations.

Protective Gloves: Wear gloves as a standard handling procedure.

Eye Protection: Dust-tight goggles are recommended during material abrading operations.

Respiratory Protection: Use NIOSH approved dust mask if required.

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### Section 8: Special Precautions

Handling precautions: Nuisance dust may be generated during some material machining processes.

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### Section 9: Regulatory Information

DOT Proper shipping name: Plastic Laminate Sheets

DOT Hazard Class: N/A

RCRA Status: Not a hazardous waste under RCRA (40 CFR 261)

SARA/TITLE III - Toxic chemicals list: This product does not contain a toxic chemical for routine annual toxic chemical release reporting under

Sec. 313 (40 CFR 372)

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Issued 1/20/2011 by S. O'Day, Vice President

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