


This brief provides a general overview of the **Safety Data Sheet** requirements in the Hazard Communication Standard OSHA's 29 CFR 1910.1200(g) and Appendix D of 29 CFR 1910.1200).

### Section 1 ~ Identification

<b>Identity (As Used On Label and List)</b> <b>B4217 Aquaman</b>	<b>Date Prepared:</b> 02-02-2015
<b>Company Information:</b> OMEGA INDUSTRIAL SUPPLY, INC	<b>Emergency Telephone Number:</b> 1-800-424-9300
<b>Address (Number, Street, Suite/Apt#)</b> 101 Grobric Ct #1	<b>Telephone Number for Information:</b> 1-800-571-7347
<b>(City, State, and Zip Code)</b> Fairfield, CA 94534	<b>Signature of Prepare (Optional)</b> REGULATORY DEPT.

### Section 2 ~ Hazard(s) Identification

<i>Classification</i>	Skin Sensitization	Category 1
<i>Hazards not otherwise classified</i>	None known.	
<i>OSHA Defined Hazards</i>	This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).	
<i>Label elements</i>		
<i>Hazard Statement</i>	May cause an allergic skin reaction.	
<i>Precautionary Statement Prevention</i>	Wear protective gloves. Avoid breathing dust. Contaminated work clothing should not be allowed out of the workplace.	
<i>Response</i>	<b>If on skin:</b> Wash with plenty of soap and water. Wash contaminated clothing before reuse. If skin irritation or rash occurs: Get medical attention.	
<i>Storage</i>	Not applicable	
<i>Disposal</i>	Dispose of contents and container in accordance with all local, regional, national and international regulations.	

### Section 3 ~ Composition/Information on Ingredients

Components (Specific Chemical Identity, Common Name(s))	CAS No.	%(Wt.)
Talc, not containing asbestiform fibres	14807-96-6	30 – 60
glass, oxide, chemicals	65997-17-3	10 – 30
reaction product: bisphenol-A-(epichlorhydrin); epoxy resin	25068-38-6	5 – 10
titanium dioxide	13463-67-7	5 – 10
crystalline silica non-respirable	14808-60-7	0.1 – 1
3,6-diazaoctanethylenediamin	112-24-3	0.1 - 1

Occupational exposure limits, if available, are listed in Section 8.

### Section 4 ~ First Aid Measures

**Eyes** — Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention if irritation occurs.

**Skin**— Wash with plenty of soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Get medical attention. In the event of any complaints or symptoms, avoid further exposure. Wash clothing before reuse. Clean shoes thoroughly before reuse.

**Inhalation** — Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.

**Ingestion** — Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

#### Most Important Symptoms/Effects, Acute And Delayed

##### Potential acute health effects

**Eyes** —No known significant effects or critical hazards.

**Skin** — May cause an allergic skin reaction.

**Inhalation**— Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.

**Ingestion**— No known significant effects or critical hazards.

#### Over-exposure signs/symptoms

**Eyes** — No specific data

**Skin** — Adverse symptoms may include the following: irritation redness.

**Inhalation** — No specific data.

**Ingestion** — No specific data

#### Indication Of Immediate Medical Attention And Special Treatment Needed

**Notes to physician** — In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.

**Specific treatments** — No specific treatment.

See toxicological information (Section 11)



[l]Absorbed through skin.

**Form:** [a]Respirable dust [b]Total dust [c]Total dust. [d]Respirable fraction [e]Respirable [f]Respirable fraction: means that size fraction of the airborne particulate deposited in the gas-exchange region of the respiratory tract and collected during air sampling with a particle size-selective device that, (a) meets the ACGIH particle size-selective sampling criteria for airborne particulate matter; and (b) has the cut point of 4 µm at 50 per cent collection efficiency. [g]Respirable dust. [h] Respirable particulate [i]The value is for particulate matter containing no asbestos and < 1 per cent crystalline silica. [j] Inhalable fraction [k]Respirable fibers: length greater than 5 µm; aspect ratio equal to or greater than 3:1 as determined by the membrane filter method at 400-450X magnification (4-mm objective) phase contrast illumination. [l]Fibres [m]Fibres, total particulate [n]Inhalable [o]Fiber [p]Inhalable fraction: means that size fraction of the airborne particulate deposited anywhere in the respiratory tract and collected during air sampling with a particle size-selective device that, (a) meets the ACGIH particle size-selective sampling criteria for airborne particulate matter; and (b) has the cut point of 100 µm at 50 per cent collection efficiency. [q] Respirable fibres: length > 5µm; aspect ratio ≥3:1, as determined by the membrane filter method at 400-450 times magnification (4-mm objective), using phase-contrast illumination. [r]RESPIRABLE FIBRES (other than respirable asbestos fibres) : Objects, other than respirable asbestos fibres, longer than 5 µm, having a diameter of less than 3 µm and a ratio of length to diameter of more than 3 :1.

**Appropriate Engineering Controls** – Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

**Environmental Exposure Controls** — Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

**Respiratory Protection**– Use a properly fitted, particulate filter respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

**Hand Protection**– Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

**Skin Protection Other**– Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

**Eye/face protection**– Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side shields.

**General hygiene considerations** – Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

### Section 9 ~ Physical Chemical Properties

<b>Decomposition Temperatures</b>	>220°C (>428°F)	<b>Specific Gravity</b>	-
<b>Vapor Pressure</b>	N/A	<b>Melting/Freezing Point</b>	N/A
<b>Relative Density</b>	N/A	<b>Evaporation Rate (Butyl Acetate = 1)</b>	N/A
<b>Solubility in Water</b>	N/A	<b>pH</b>	N/A
<b>Appearance and Odor</b> — Solid, green-white (light) with pungent-sulfurous (strong) odor.		<b>VOC%</b>	-
<b>Flash Point (Method Used):</b> Closed cup: >93.3°C (>199.9°F) [Setaflash.] [Product does not sustain combustion.]	<b>Auto - Ignition Temperature:</b> N/A	<b>Lower Flammability Level:</b> N/A	<b>Upper Flammability Level:</b> N/A

### Section 10 ~ Stability and Reactivity

<b>Stability:</b> Unstable <input type="checkbox"/> Stable <input checked="" type="checkbox"/>	<b>Conditions to Avoid</b> – No specific data	<b>Possibility of Hazardous Reactions:</b> Under normal conditions of storage and use, hazardous reactions will not occur.
<b>Incompatibility (Materials to Avoid)</b> – No specific data		<b>Hazardous Decomposition or Byproducts</b> – Under normal conditions of storage and use, hazardous decomposition products should not be produced.

**Reactivity** — No specific test data related to reactivity available for this product or its ingredients.

### Section 11 ~ Toxicological Information

**Acute toxicity:** No specific data

#### Irritation/Corrosion

Product/ Ingredient Name	Result	Species	Score	Exposure	Observation
reaction product: bisphenol-A-(epichlorhydrin); epoxy resin	Eyes – mild Irritant	Rabbit	-	100 milligrams	-
	Skin – Moderate irritant	Rabbit	-	24 hours 500 microliters	-
	Skin – Severe Irritant	Rabbit	-	24 hours 2 milligrams	-

**Sensitization:** No specific data

**Mutagenicity:** No specific data

**Carcinogenicity:** No specific data

**Conclusion/Summary:** IARC classifies TiO2 as a 2B carcinogen based in large part on several studies of the effects of the inhalation of TiO2 on animals in which the TiO2 particles were of various sizes. Particles defined as “ultrafine” have been shown to cause cancer in animals exposed to very high concentrations. A number of authorities have reviewed those studies and others involving exposure to ultrafine particles and have concluded that the effects result from overloading the respiratory system of the animals. The effects observed, according to the scientists, are not due to TiO2 but are general responses to high levels of dust in the lungs. In addition, a carcinogenic effect of TiO2 dust in the workers was not observed in several epidemiology studies on more than 20,000 TiO2 industry workers in Europe and the USA, nor were other chronic diseases, including other respiratory diseases, associated with exposure to TiO2 dust. Accordingly, we have concluded that our products should not be classified on the basis of the presence of TiO2 in the products. This product contains talc in a polymer matrix. Sanding the cured product may release particles containing talc with the polymer and other components of the matrix into the air. The talc contains less than 1% crystalline silica. Appropriate evaluations of the use of the product should be performed to determine if exposure to talc occurs due to handling and use. If such exposures occur, appropriate precautions must be taken to prevent exposure in excess of the OSHA Permissible Exposure Limit (PEL).

#### Classification

Product/Ingredient Name	OSHA	IARC	NTP
crystalline silica non-respirable	-	1	Known to be a human carcinogen.

<b>Reproductive toxicity:</b>	No specific data	<b>Teratogenicity:</b>	No specific data
<b>Specific target organ toxicity (single exposure):</b>	No specific data	<b>Specific target organ toxicity (repeated exposure):</b>	No specific data
<b>Aspiration hazard:</b>	No specific data	<b>Information on the likely routes of exposure</b>	Not available
<b>Potential acute health effects:</b>	<i>Eye contact</i> - No known significant effects or critical hazards. <i>Inhalation</i> – Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure. <i>Skin</i> – May cause an allergic skin reaction. <i>Ingestion</i> – No known significant effects or critical hazards.		
<b>Symptoms related to the physical, chemical and toxicological characteristics:</b>	<i>Eye contact</i> - No specific data. <i>Inhalation</i> – No specific data. <i>Skin</i> – Adverse symptoms may include the following: irritation, redness. <i>Ingestion</i> – No specific data.		
<b>Delayed and immediate effects and also chronic effects from short and long term exposure</b>			
<b>Short term exposure/Potential immediate effects:</b>	Not available	<b>Potential delayed effects:</b>	Not available
<b>Long term exposure/Potential immediate effects:</b>	Not available	<b>Potential delayed effects:</b>	Not available
<b>Potential chronic health effects:</b>	Not specific data		
<b>General:</b>	Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.		<b>Carcinogenicity:</b>
<b>Mutagenicity:</b>	No known significant effects or critical hazards.	<b>Teratogenicity:</b>	No known significant effects or critical hazards.
<b>Developmental effects:</b>	No known significant effects or critical hazards.	<b>Fertility effects:</b>	No known significant effects or critical hazards.
<b>Numerical measures of toxicity/Acute toxicity estimates:</b>	No specific data		

## Section 12 ~ Ecological Information

**Toxicity:** No specific data

**Persistence and degradability:** No specific data

### Bioaccumulative Potential

<u>Product/ingredient name</u>	<u>LogPow</u>	<u>BCF</u>	<u>Potential</u>
reaction product: bisphenol-A- (epichlorhydrin); epoxy resin	2.64 to 3.78	31	low
<b>Mobility in soil/Soil/water partition coefficient (Koc):</b>	Not available		

**Other adverse effects:** No known significant effects or critical hazards.

## Section 13 ~ Disposal Considerations

**Disposal methods** — The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

**RCRA Classification** — Not applicable.

## Section 14 ~ Transport Information

US Depart. of Transportation (DOT)		Water Transportation (IMDG)		Air Transportation (IATA)	
Proper Shipping Name:	-	Proper Shipping Name:	-	Proper Shipping Name:	-
Hazard Class:	-	Hazard Class:	-	Hazard Class:	-
UN Number:	Not regulated	UN Number:	Not regulated	UN Number:	Not regulated
Packing Group:	-	Packing group:	-	Packing group:	-
Environmental Hazards:	No	Environmental Hazards:	No	Environmental Hazards:	No
Additional information:	-	Additional information:	-	Additional information:	-

**Special precautions for user: Transport within user's premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

## Section 15 ~ Regulatory Information

**WHMIS (Canada):**  
Class D-2A: Material causing other toxic effects (Very Toxic)  
Class D-2B: Material causing other toxic effects (Toxic)

### Canadian lists:

Canadian NPRI: None of the components are listed.  
CEPA Toxic substances: None of the components are listed.

Canada Inventory: All components are listed or exempted.

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

**International Regulations:**

International lists:	Australia inventory (AICS):	All components are listed or exempted.
	China inventory (IECSC):	All components are listed or exempted.
	Japan inventory :	Not determined.
	Korea inventory:	All components are listed or exempted.
	Malaysia Inventory (EHS Register):	Not determined.
	New Zealand inventory of Chemicals (NZIoC):	All components are listed or exempted.
	Philippines inventory (PICCS):	All components are listed or exempted.
	Taiwan inventory (CSNN):	Not determined.

**Substances of very high concern:** None of the components are listed.

---

**Section 16 ~ Other Information**

---

Key to Abbreviations

ATE= Acute Toxicity Estimate	IMDG= International maritime Dangerous Goods
BCF= Bioconcentration Factor	LogPow= Logarithm of the octanol/water partitions coefficient
GHS= Globally harmonized System of Classification and labeling of chemicals	MARPOL 73/78= International convention for the prevention of pollution
IATA= International Air Transport Association	UN= United Nations
IBC= Intermediate Bulk Container	

References: Not available

	NFPA	HMIS	Key
HEALTH	2	-	4= Severe
FLAMMABILITY	1	-	3= Serious
REACTIVITY	0	-	2= Moderate
OTHER/PROTECTION	-	-	1= Slight 0= Minimal

Notice to Reader: NON-WARRANTY: No representation or warranty is made, however, concerning the accuracy or completeness of the information presented in this publication. Omega Industrial Supply, Inc. makes no warranty or representation of any kind, express or implied, including without limitation any warranty of merchantability or fitness for any particular purpose, and no warranty or representation shall be implied by law or otherwise. Any products sold by Omega Industrial Supply, Inc. are not warranted as suitable for any particular purpose to the buyer. The suitability of any products for any purpose particular to the buyer is for the buyer to determine. Omega Industrial Supply, Inc. assumes no responsibility for the selection of products suitable to the particular purposes of any particular buyer. Omega Industrial Supply, Inc. shall in no event be liable for any special, incidental, or consequential damages.