Section 1 ~ Identification			
Identity (As Used On Label and List)	Date Prepared:		
B4015 WOODMAN	07-29-2019		
Company Information:	Emergency Telephone Number:		
OMEGA INDUSTRIAL SUPPLY, INC	1-800-424-9300		
Address (Number, Street, Suite/Apt#)	Telephone Number for Information:		
101 Grobric Ct #1	1-800-571-7347		
(City, State, and Zip Code)	Signature of Prepare (Optional)		
Fairfield, CA 94534	REGULATORY DEPT.		

#### Section 2 ~ Hazard(s) Identification

OSHA/HCS Status

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

SKIN SENSITIZATION - Category 1

Classification of the Substance or Mixture **GHS Label Elements** 

Label Elements

Signal Word Warning!

Response

Hazard Statement

May cause an allergic skin reaction.

Precautionary Statement

Prevention

IF ON SKIN: Wash with plenty of soap and water. Wash contaminated clothing before reuse. If skin irritation or rash occurs: Get medical attention.

Storage

Not applicable.

Disposal Hazards not Otherwise Classified None known

Dispose of contents and container in accordance with all local, regional, national and international regulations.

Wear protective gloves. Avoid breathing dust. Contaminated work clothing must not be allowed out of the workplace.

## . Composition/Information on Ingradients

Section 5 ~ Composition/information on ingredients		
Substance/Mixture: Mixture		
United States		
Name	CAS No.	%(Wt.)
reaction product: bisphenol-A-(epichlorhydrin); epoxy resin	25068-38-6	10 – 30
2,4,6-tris(dimethylaminomethyl)phenol	90-72-2	1 – 5
crystalline silica non-respirable	14808-60-7	0.1 - 1
CANADA		
Name	CAS No.	%(Wt.)
Talc (none asbestiform)	14807-96-6	30 - 60
Epichlorhydrin-bisphenol A resin	25068-38-6	10 – 30
glass, oxide, chemicals	65997-17-3	10 – 30
Quartz	14808-60-7	0.1 – 1

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

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

#### Section 4 ~ First Aid Measures

## **Description of Necessary First Aid Measures**

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.

Skin Contact: 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.

Eye Contact: 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.

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

Inhalation: No known significant effects or critical hazards.

Ingestion: May cause an allergic skin reaction.

Skin Contact: May cause an allergic skin reaction.

Eye Contact: No known significant effects or critical hazards.

Ingestion: No known significant effects or critical hazards.

Over-Exposure Signs/Symptoms

Inhalation: No specific data.

Skin Contact: Adverse symptoms may include the following: irritation, redness.

Ingestion: No specific data.

Eye Contact: No specific data.

## Indication of Immediate Medical Attention and Special Treatment Needed, if Necessary

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)

## Section 5 ~ Fire Fighting Measures

Suitable Extinguishing Media: Use an extinguishing agent suitable for the surrounding fire.

Unsuitable Extinguishing Media: None known.

Specific Hazards Arising from the Chemical: No specific fire or explosion hazard.

Hazardous Thermal Decomposition Products: Decomposition products may include the following materials: carbon dioxide, carbon monoxide, nitrogen oxides, sulfur oxides, halogenated compounds, metal oxide/oxides.

Special Protective Actions for Fire-Fighters: Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

Special Protective Equipment for Fire-Fighters: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

## Section 6 ~ Accidental Release Measures

# Personal Precautions, Protective Equipment and Emergency Procedures

For Non-Emergency Personnel: No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

For Emergency Responders: If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

Environmental Precautions: Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

#### Methods and Materials for Containment and Cleaning Up

Small Spill: Move containers from spill area. Avoid dust generation. Using a vacuum with HEPA filter will reduce dust dispersal. Place spilled material in a designated, labeled waste container. Dispose of via a licensed waste disposal contractor.

Large Spill: Move containers from spill area. Approach release from upwind. Prevent entry into\ sewers, water courses, basements or confined areas. Avoid dust generation. Do not dry sweep. Vacuum dust with equipment fitted with a HEPA filter and place in a closed, labeled waste container. Dispose of via a licensed waste disposal contractor. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

## Section 7 ~ Handling and Storage

Conditions for Safe Storage, Including Any Incompatibilities: Do not store above the following temperature: 35°C (95°F). 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 for 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. See Section 10 for incompatible materials before handling or use. Shelf life: 24.

#### Precautions for Safe Handling

Protective Measures: Put on appropriate personal protective equipment (see Section 8). Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Do not get in eyes or on skin or clothing. Do not ingest. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.

Advice on General Occupational Hygiene: 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. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene

## Section 8 ~ Exposure Controls/Personal Protection

Controls Parameters Occupational Exposure Limits **Ingredient Name** 

CAS# crystalline silica non-respirable 14808-60-7

Canada Ingredient Name Talc (none asbestiform)

glass, oxide, chemicals

Ouartz

Exposure Limit OSHA PEL (United States, 5/2018). TWA: 50 µg/m3 8 hours. Form: Respirable dust OSHA PEL Z3 (United States, 6/2016). TWA: 30 mg/m3 / (%SiO2+2) 8 hours. Form: Total dust

Exposure Limits

CA British Columbia Provincial (Canada, 7/2018).

TWA: 2 mg/m3 8 hours. Form: Respirable

TWA: 0.1 f/cc 8 hours.

CA Quebec Provincial (Canada, 1/2014).

TWAEV: 3 mg/m<sup>3</sup> 8 hours. Form: Respirable dust.

CA Ontario Provincial (Canada, 1/2018).

TWA: 2 mg/m<sup>3</sup> 8 hours. Form: Respirable fraction.

TWA: 2 f/cc 8 hours.

CA Alberta Provincial (Canada, 6/2018).

8 hrs OEL: 2 mg/m3 8 hours. Form: Respirable particulate

CA Saskatchewan Provincial (Canada, 7/2013).

TWA: 2 mg/m3 8 hours. Form: respirable fraction CA Alberta Provincial (Canada, 6/2018).

8 hrs OEL: 1 f/cc 8 hours. Form: Fibres

8 hrs OEL: 5 mg/m3 8 hours. Form: Fibres

8 hrs OEL: 5 mg/m3 8 hours. Form: Fibres, total particulate

CA British Columbia Provincial (Canada, 7/2018).

TWA: 5 mg/m3 8 hours. Form: Inhalable

TWA: 1 f/cc 8 hours.

CA Ontario Provincial (Canada, 1/2018).

TWA: 5 mg/m<sup>3</sup> 8 hours. Form: Inhalable fraction.

CA Quebec Provincial (Canada, 1/2014).

TWAEV: 1 f/cc 8 hours. Form: 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.

TWAEV: 10 mg/m3 8 hours. Form: Total dust. CA Quebec Provincial (Canada, 1/2014).

TWAEV: 0.1 mg/m3 8 hours. Form: Respirable dust.

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. **Individual Protection Measure** 

Hygiene Measures: 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.

Respiratory Protection: Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

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.

Body Protection: 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.

Other Skin Protection: 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: chemical splash goggles.

## Section 9 ~ Physical and Chemical Properties

Physical State: Solid. Color: Beige - White. [Light] Odor: Pungent. Sulfurous. [Strong] Odor Threshold: Not available.

pH: Not applicable.

Melting Point: Not available. Boiling Point: Not available.

Flash Point: Closed cup: >93.3°C (>199.9°F) [Setaflash.] [Product does not sustain

combustion.]

Evaporation Rate: Not applicable. Flammability (solid, gas): Not available.

Lower and Upper Explosive (flammable) Limits: Not available.

Vapor Pressure: Not available. Vapor Density: Not available. Relative Density: 0.925

Solubility: Easily soluble in the following materials: methanol and acetone. Insoluble in the

following materials: cold water and hot water.

Solubility in Water: Not Applicable

Auto-Ignition Temperature: Not available.

Decomposition Temperature: >220°C (>428°F)

Viscosity: Kinematic (room temperature): Not applicable.

Kinematic (40°C (104°F)): Not applicable.

**VOC:** 0.125 lbs/gal (15 g/l)

## Section 10 ~ Stability and Reactivity

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

Chemical Stability: The product is stable.

Possibility of Hazardous Reactions: Under normal conditions of storage and use, hazardous reactions will not occur.

Conditions to Avoid: No specific data. Incompatible Materials: No specific data.

Information on Toxicological Effects

Hazardous Decomposition Products: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

#### Section 11 ~ Toxicological Information

Acute Toxicity Product/Ingredient Name	Result	Species		Dose	Exposure
2,4,6-tris (dimethylaminomethyl)phenol	LD50 Dermal	Rat		1280 mg/kg	-
• • • • • • • • • • • • • • • • • • • •	LD50 Oral	Rat		1200 mg/kg	-
Irritation/Corrosion					
Product/Ingredient Name	Result	Species	Score	Exposure	Observation
reaction product: bisphenol-A- (epichlorhydrin); epoxy resin	Eves – Mild irritant	Rabbit	_	100 milligrams	_

Skin - Moderate irritant Rabbit 24 hours 500 microliters Rabbit 24 hours 2 milligrams Skin - Severe irritant 2,4,6-tris (dimethylaminomethyl) phenol Rabbit 24 hours 50 Micrograms Eyes - Severe irritant Skin - Mild irritant Rat 0.025 Milliliters 0.25 Milliliters Skin - Severe irritant Rat Skin - Severe irritant 24 hours 2 milligrams Rabbit

Sensitization: No specific data. Mutagenicity: No specific data. Carcinogenicity: No specific data.

Conclusion/Summary: 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.

Reproductive Toxicity: No specific data.

Teratogenicity: No specific data.

Specific Target Organ Toxicity (single exposure): No specific data. Specific Target Organ Toxicity (repeated exposure): No specific data.

Aspiration Hazard: No specific data.

Information on the Likely Routes of Exposure: Not available

Potential Acute Health Effects

Eye Contact: No known significant effects or critical hazards. Inhalation: No known significant effects or critical hazards. Skin Contact: May cause an allergic skin reaction.

Ingestion: No known significant effects or critical hazards.

Symptoms Related to the Physical, Chemical and Toxicological Characteristics

Eye Contact: No specific data. Inhalation: No specific data.

Skin Contact: Adverse symptoms may include the following: Irritation, redness

**Ingestion:** No specific data.

Delayed and Immediate Effects and also Chronic Effects from Short and Long Term Exposure

Short Term Exposure

Potential Immediate Effects: Not available. Potential Delayed Effects: Not available.

Long Term Exposure

Potential Immediate Effects: Not available.

Potential Delayed Effects: Not available.

Potential Chronic Health Effects: No specific data.

General: Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.

Carcinogenicity: No known significant effects or critical hazards. Mutagenicity: No known significant effects or critical hazards.

**Teratogenicity:** No known significant effects or critical hazards. **Developmental Effects:** No known significant effects or critical hazards.

Fertility Effects: No known significant effects or critical hazards.

**Numerical Measures of Toxicity** 

Acute Toxicity Estimates: No specific data.

Maximum acceptable dosage level

## Section 12 ~ Ecological Information

Toxicity: No specific data

Persistence and Degradability: No specific data.

**Bioaccumulative Potential** 

Product/Ingredient Name LogPow BCF **Potential** reaction product: bisphenol-A- (epichlorhydrin); epoxy resin 2.64 to 3.78 31 Low 0.219 2,4,6-tris (dimethylaminomethyl)phenol Low

Mobility in Soil

Soil/Water Partition Coefficient (KOC): 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 ~ Transportation Information** 

	DOT Classification	TDG Classification	Mexico Classification	IMDG	IATA	l
UN Number	Not Regulated	Not Regulated	Not Regulated	Not Regulated	Not Regulated	l
UN Proper Shipping Name	-	-	-	-	-	l
Transport Hazard Class(es)	-	-	-	-	-	l
Packing Group	-	-	-	-	-	l
Environmental Hazards	No	No	No	No	No	l
G 1175 / 6 77 / F						

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

**United States** 

U.S. Federal Regulations: TSCA 8(a) CDR Exempt/Partial exemption: Not determined

United States inventory (TSCA 8b): All components are listed or exempted.

Clean Water Act (CWA) 311: acetic acid

Clean Air Act Section 112 (b) Hazardous Air Pollutants (HAPs)

Ingredient Name Conc. (%w/w) 10 - 30Fine mineral fibers Manganese Compounds 0 - 0.1

SARA 302/304

Composition/information on ingredients: No products were found.

SARA 304 RQ: Not applicable.

SARA311/312

Classification: SKIN SENSITIZATION - Category 1

Composition/information on ingredients

Classification reaction product: bisphenol-A-≥10 - ≤25 SKIN IRRITATION - Category 2 EYE IRRITATION - Category 2A (epichlorhydrin); epoxy resin 2,4,6-tris(dimethylaminomethyl) phenol ACUTE TOXICITY (oral) - Category 4 <3 ACUTE TOXICITY (dermal) - Category 4 SKIN IRRITATION - Category 2 EYE IRRITATION - Category 2A crystalline silica, non-respirable ≤1 CARCINOGENICITY - Category 1A

State Regulations

Massachusetts The following components are listed: FIBROUS GLASS; TALC; SOAPSTONE

New York None of the components are listed.

New Jersey The following components are listed: SOAPSTONE; SILICA, QUARTZ; QUARTZ (SiO2)

Pennsylvania The following components are listed: TALC; SOAPSTONE DUST; QUARTZ DUST; QUARTZ

Minnesota Hazardous Substances None of the components are listed.

Yes.

California Prop. 65

crystalline silica, non-respirable

WARNING!: This product can expose you to chemicals including Carbon black, Silica, crystalline, which are known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

Ingredient Name Cancer Reproductive No significant risk level carbon black, non respirable Yes. No.

Canada

Canadian List

Canadian NPRI None of the components are listed.

CEPA Toxic substances None of the components are listed.

EU Regulation (EC) No. 1907/2006 (REACH)

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

**Inventory list** 

Australia: All components are listed or exempted. Canada: All components are listed or exempted. China: All components are listed or exempted.

Europe: Not determined.

Japan: Japan inventory (ENCS): All components are listed or exempted.

Japan inventory (ISHL): Not determined.

Republic of Korea: All components are listed or exempted.

Malaysia: Not determined.

New Zealand: All components are listed or exempted. Philippines: All components are listed or exempted. Taiwan: All components are listed or exempted.

Turkey: Not determined.

United States: All components are listed or exempted.

Thailand: Not determined. Viet Nam: Not determined.

# Section 16 ~ Other Information

## **Key to Abbreviations:**

ATE = Acute Toxicity Estimate

BCF = Bioconcentration Factor

GHS = Globally Harmonized System of Classification and Labelling of Chemicals

IATA = International Air Transport Association

IBC = Intermediate Bulk Container

IMDG = International Maritime Dangerous Goods

LogPow = logarithm of the octanol/water partition coefficient

MARPOL 73/78 = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)

UN = United Nations

References: Not available.

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

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