Safety Data Sheet

Section 1 - Product and Company Identification

Material Name	-	**2K Epoxy Roof Primer – Part A**
Chemical Category	-	Paint
Product Code	-	AP-298A
Product Description	-	Epoxy Primer.
Product Use	-	Roof Coating.
Synonyms	-	Paint
Manufacturer	-	Gardner Gibson 4701 E. 7th Avenue Tampa, FL 33605 United States www.gardner-gibson.com Please use "Contact Us" form on the website
Telephone		813-248-2101
Technical	-	813-248-2101 - Customer Service: 8 AM - 5 PM M-F Eastern Standard Time
Emergency	-	800-424-9300 - CHEMTREC
Emergency	-	703-527-3887 - CHEMTREC (Outside US)
Last Revision Date	-	5-18-2015

Section 2 - Hazards Identification

GHS HAZARDS AND PRECAUTIONS

SIGNAL WORD: WARNING!

Contains Flammable Petroleum Distillates. Harmful or Fatal if swallowed. Keep away from heat, sparks, and open flame. Avoid prolonged breathing of vapor and use only in adequate ventilation. Repeated and prolonged overexposure to solvent vapor may cause brain and nervous system damage, respiratory tract irritation, dizziness, or loss of consciousness. May cause skin and eye irritation.

Prevention	Avoid breathing dust, fume, gas, mist, vapors and/or spray. Do not handle until all safety precautions have been read and understood. Keep away from flames and hot surfaces. - No smoking. Use personal protective equipment as required. Keep out of reach of children.
Response	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF ON SKIN: Wash with plenty of soap and water. IF exposed or if you feel unwell: Call a POISON CENTER or doctor/physician.
Storage/Disposal	Store in a closed container. Store in a well-ventilated place. Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

Physical Form	-	Liquid
Color	-	Grey
Odor	-	Petroleum solvent odor.
Flash Point	-	**110 F(43.33 C)**
OSHA HCS 2012	-	Skin Corrosion/Irritation - Category 2, Serious Eye Damage, Eye Irritation - Category 2A,

WHMIS
- Class - Flammable Materials - Division 3, Class D - Poisonous and Infectious Materials - Division 2 - Subdivision A
- 
- R65, R25, R36/37/38, R45

GHS
- Skin Corrosion/Irritation - Category 2, Serious Eye Damage, Eye Irritation - Category 2A

Route Of Entry
- Inhalation, Skin, Eye, Ingestion/Oral

Potential Health Effects

Inhalation

Acute (Immediate)
- May cause irritation. Excessive breathing of high vapor concentration can cause possible unconsciousness and even asphyxiation.

Chronic (Delayed)
- Refer to other information found in Section 11-Toxicology.

Skin

Acute (Immediate)
- May cause irritation.

Chronic (Delayed)
- Repeated and prolonged exposure to the skin may cause dermatitis.

Eye

Acute (Immediate)
- May cause irritation.

Chronic (Delayed)
- Repeated and prolonged exposure may cause irritation.

Ingestion

Acute (Immediate)
- May be harmful or fatal if swallowed.

Chronic (Delayed)
- Repeated and prolonged exposure may be harmful.

Carcinogenic Effects
- This product or one of its ingredients present at 0.1% or more is listed as a carcinogen by NTP, IARC or OSHA. See Section 11 - Toxicological Information for more details.

Carcinogenic Effects			
	CAS	**IARC**	**NTP**
Titanium Dioxide	13463-67-7	Group 2B-Possible Carcinogen	Under Consideration

Section 3 - Composition/Information on Ingredients

Chemical Name	CAS	%(wt)	LD50/LC50
PCBTF	98-56-6	<3.0%	Ingestion/Oral-Rat LD50 · 11500 mg/kg
Aromatic Hydrocarbon	64742-95-6	<3.0%	Ingestion/Oral-Rat LD50 · 4.7 g/kg
Epoxy Resin	Proprietary	<45.0%	NDA
Titanium Dioxide	13463-67-7	<10.0%	NDA
Kaolin Clay	1332-58-7	<10.0%	NDA
Talc	14807-96-6	< 14.0%	Ingestion/Oral Rat – LD50 658 gm/m3

This product is an encapsulated mixture which reduces the likelihood of exposure to hazardous particulates. Airborne exposures to hazardous dusts or mists may be generated by spraying, sanding or grinding.

See Section 11 for Toxicological Information.

Section 4 - First Aid Measures

Inhalation
- IF INHALED: Call a POISON CENTER or doctor/physician if you feel unwell. Move victim to fresh air. If breathing is difficult, give oxygen.

Skin
- IF ON SKIN: Wash with plenty of soap and water. If irritation develops and persists, get medical attention.

Eye	-	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
Ingestion	-	If swallowed, DO NOT induce vomiting unless directed to do so by medical personnel. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

Section 5 - Fire Fighting Measures

Extinguishing Media	-	LARGE FIRE: Water spray, fog or regular foam. SMALL FIRES: Dry chemical, CO2, water spray or regular foam.
Unsuitable Extinguishing Media	-	Do not use direct stream of water.
Firefighting Procedures	-	Fight advanced or massive fires from safe distance or protected location. Avoid water in a straight hose stream as the stream will cause splatter and spread fire. If product is heated above its flash point it will produce vapors sufficient to support combustion. Vapors are heavier than air and may travel along the ground and are ignited by heat, pilot lights, other flames and ignition sources at locations near the point of release.
Unusual Fire and Explosion Hazards	-	Combustible liquid. May release irritating or toxic gases, fumes, or vapors.
Hazardous Combustion Products	-	Carbon monoxide, carbon dioxide, hydrocarbons.
Protection of Firefighters	-	Firefighters should wear self-contained breathing apparatus and full protective gear.
Flash Point	-	110°F(43.33°C) CC (Closed Cup)
Explosion Limits		
Upper	-	6 %
Lower	-	.9 %
Autoignition Temperature	-	275 °F

Section 6 - Accidental Release Measures

Personal Precautions	-	Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Stay upwind and Ventilate the area before entry.
Emergency Procedures	-	ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Stop leak if you can without risk. Isolate the area and contain the spilled material. Persons not wearing the appropriate PPE should be removed from the area until the spill is cleaned up. Keep unauthorized personnel away.
Environmental Precautions	-	Prevent entry into waterways, sewers, basements or confined areas.
Containment/Clean-up Measures	-	Contain and/or absorb spill with inert material (e.g. sand, vermiculite), then place in suitable container. Do not use water to flush spill area. Use appropriate Personal Protective Equipment (PPE).
Prohibited Materials	-	Avoid contact with strong oxidizing agents.

Section 7 - Handling and Storage

Handling	-	KEEP OUT OF THE REACH OF CHILDREN! Keep away from heat and ignition sources – No Smoking. Use only with adequate ventilation.
Storage	-	Store in a well-ventilated place. Keep container tightly closed. Keep container/package tightly closed in a cool, well-ventilated place. No open flames, no sparks and no smoking.
Special Packaging Materials	-	No data available
Incompatible Materials or Ignition Sources	-	Avoid contact with strong oxidizing agents and acids.

Section 8 - Exposure Controls/Personal Protection

Personal Protective Equipment Pictograms -

Respiratory - In case of insufficient ventilation, wear suitable respiratory equipment. If listed exposure limits are expected to be exceeded, use approved respirtory protection suitable for the hazard.

Eye/Face - Wear ANSI approved safety glasses with side shields or safety goggles.

Hands - Wear chemical protective gloves made of Nitrile or Neoprene.

Skin/Body - Wear clothing that covers the skin to prevent skin exposure.

General Industrial Hygiene Considerations - Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling. Avoid breathing vapors.

Engineering Measures/Controls - Adequate ventilation systems as needed to control concentrations of airborne contaminants below applicable threshold limit values. Use precaution to protect building intake from fumes and vapors created outdoors.

Exposure Limits/Guidelines					
	Result	**ACGIH**	**Canada Ontario**	**OSHA**	**United States - California**
PCBTF (98-56-6)	TWAs	2.5 mg/m3 TWA	2.5 mg/m3 TWAEV	2.5 mg/m3 TWA	2.5 mg/m3 - TWA
Aromatic Hydrocarbon (64742-95-6)	TWAs	100 ppm TWA	100 ppm TWAEV	NDA	100 ppm PEL
Kaolin Clay (1332-58-7)	TWA	2 mg/m3 TWA	10 mg/m3 TWAEV	15 mg/m3 TWA	10 mg/m3 TWA
Titanium Dioxide (13463-67-7)	TWAs	10 mg/m3 TWA	10 mg/m3 TWAEV	15 mg/m3 TWA	15 mg/m3 PEL

Exposure Control Notations

ACGIH

Key to abbreviations

PEL = Permissible Exposure Level determined by the Occupational Safety and Health Administration (OSHA)

TWA = Time-Weighted Averages are based on 8h/day, 40h/week exposures

Section 9 - Physical and Chemical Properties

Physical Form - Liquid

Appearance/Description - Paint

Color: Grey		**Odor**: Mild solvent odor.	
Taste: NDA		**Odor Threshold**: NDA	
Boiling Point:	150 to 200 F	**Vapor Pressure:**	= 2 mmHg (torr) @ 68 F(20 C)
Melting Point:	NDA	**Vapor Density:**	= 1 Air=1
Specific Gravity/Relative Density:	1.64 Water=1	**Evaporation Rate:**	NDA
Density:	13.70 lbs/gal	**VOC (Wt.):**	0.40 lbs/gal
Bulk Density:	NDA	**VOC (Vol.):**	49 g/L
pH:	NDA	**Volatiles (Wt.):**	NDA
Water Solubility:	NDA	**Volatiles (Vol.):**	< 10 %
Solvent Solubility:	Yes	**Flash Point:**	110° F(43.33°C)
Viscosity:	100 KU	**Flash Point Test Type:**	CC (Closed Cup)

Coefficient of Water:	NDA	Autoignition:	275 F

Section 10 - Stability and Reactivity

Stability - Stable under normal temperatures and pressures.
Hazardous Polymerization - Hazardous polymerization will not occur.
Conditions to Avoid - Avoid contact with strong oxidizing agents and flame.
Incompatible Materials - Strong oxidizers and acids.
Hazardous Decomposition Products - Carbon monoxide, carbon dioxide and hydrocarbons.

Section 11 - Toxicological Information

Component Name	CAS	Data
PCBTF	98-56-6	Ingestion/Oral-Rat LD50 · 11500 mg/kg
Aromatic Hydrocarbon	64742-95-6	Ingestion/Oral-Rat LD50 · 4.7 g/kg
Talc	14807-96-6	Ingestion/Oral Rat – LD50 658 gm/m3

Other Component Information - IARC has concluded that the following chemicals in this product are carcinogenic to humans (Group 2B): Titanium Dioxide. Risk of cancer depends on duration and level of exposure to this product as a dust or aerosol mist.

Other Information -

Section 12 - Ecological Information

Ecological Fate - No data available.
Persistence/Degradability - No data available.
Bioaccumulation Potential - No data available.
Mobility in Soil - No data available.

Section 13 - Disposal Considerations

Product - Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

Section 14 - Transportation Information

DOT – Department of Transportation - Not restricted if shipped in containers <450L (119) gallons) Restricted if shipped in containers >450L (119 gallons).

TDG Transportation Other Information▪: Not restricted under General Exemption for small container packaging.
TDG - **Canada Transportation of Dangerous Goods:** UN1263;; Packing Group: III Class 3 Flammable liquids

IMO/IMDG –International Maritime Transport ▪ IMDG Code 2.3.2.5-exempted from marking, labeling & testing of packages.UN1263 Hazard Class 3 Packing Group III Flammable Liquids

IATA - International Air Transport Association - UN1263; Hazard Class: 3; Packing Group: II!.

Section 15 - Regulatory Information

SARA Hazard Classifications - Acute, Chronic

Risk & Safety Phrases - California PROP 65: This product contains chemicals known to the State of California to cause cancer or reproductive harm. .

State Right To Know					
Component	**CAS**	**MA**	**MN**	**NJ**	**PA**
PCBTF	98-56-6	Yes	Yes	Yes	Yes
Aromatic Hydrocarbon	64742-95-6	Yes	Yes	Yes	Yes
Epoxy Resin	Proprietary	No	No	No	No
Kaolin Clay	1332-58-7	No	No	Yes	Yes
Titanium Dioxide	13463-67-7	Yes	Yes	Yes	Yes
Talc	14807-96-6	No	No	No	No

Inventory			
Component	**CAS**	**EU EINECS**	**TSCA**
PCBTF	98-56-6	Yes	Yes
Aromatic Hydrocarbon	64742-95-6	Yes	Yes
Epoxy Resin	Proprietary	No	No
Kaolin Clay	1332-58-7	No	No
Titanium Dioxide	13463-67-7	Yes	Yes
Talc	14807-96-6	No	No

United States

Environment

U.S. - CERCLA/SARA - Section 313 - Emission Reporting

PCBTF	98-56-6	Listed
Aromatic Hydrocarbon	64742-95-6	Listed
Epoxy Resin	Proprietary	Not Listed
Kaolin Clay	1332-58-7	Not Listed
Titanium Dioxide	13463-67-7	Not Listed
Talc	14807-96-6	Not Listed

Section 16 - Other Information

Last Revision Date - 11/20/2015

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