



## Material Safety Data Sheet

Date of Preparation: December 5, 2006

### Section 1 - Product Information

**Product Name:** 8507084A 7084 A CAN FILLED

**Product Code:** 7084A

**Emergency Phone:** Chemtrec 800-424-9300

**Company:** Bondo Corporation  
3700 Atlanta Industrial Parkway NW  
Atlanta, GA 30331

**Revision Number:** 001

**Intended Use:** Traffic Sensor Sealer to be used with 7084B only

### Emergency Overview

**Signs of Overexposure:** Skin rashes

**Emergency First Aid:** Flush eyes for 20 minutes. Get immediate medical attention. Seek medical attention. If individual is drowsy or unconscious, do not give anything by mouth; place individual on the left side with head down. Contact physician for advise about whether to induce vomiting. Move to fresh air. If respiratory distress develops, seek medical attention. Wash with soap and water. If symptoms persist, get medical attention.

**Handling:** Avoid contacting and avoid breathing the material. Use only in a well ventilated area.

**Material Physical Appearance:** White

**Fire Fighting:** Use alcohol resistant foam, carbon dioxide, or dry chemical when fighting fires. Water or foam may cause frothing if liquid is burning but it still may be a useful extinguishing agent if carefully applied to the surface of the fire. Do not direct a stream of water into the hot burning liquid.

Your local fire department may require that you display the NFPA 704 diamond symbol on the front and/or rear entrance to your building.

**NFPA 704:** Health: 2, Fire: 1, Reactivity: 0 **HMIS:** Health: 2, Fire: 1, Reactivity: 0

Bondo Corporation has no oversight with respect to the guidance practices or policies or manufacturing processes of other companies handling or using this material. The information given in this MSDS is only related to the product as shipped in its original condition. The information contained in this safety data sheet does not constitute the user's own assessment of workplace risks as required by regulations.

### Section 2 - Hazardous Ingredients

Chemical Name	%	CAS#	OSHA Exposure Limits
Bisphenol-A-diglycidylether	40.0 - 50.0	25068-38-6	No PEL established
Calcium Carbonate	40.0 - 50.0	471-34-1	15 mg/m <sup>3</sup> TWA (Total); 5 mg/m <sup>3</sup> TWA (Respirable)
Acrylate monomer	1.0 - 5.0	15625-89-5	No PEL established
Titanium dioxide	1.0 - 5.0	13463-67-7	15 mg/m <sup>3</sup> TWA (Total Dust)
Quartz	0.1 - 1.0	14808-60-7	see Table Z-3

### Section 3 – Hazards Identification

**Routes of Entry:** Inhalation, Ingestion, Skin contact, Eye contact

**Target Organs Potentially Affected by Exposure:** Eyes, Skin, Respiratory Tract

**Chemical Interactions That Change Toxicity:** None Known

**Medical Conditions Aggravated by Exposure:** Eye disease, Skin disease including eczema and sensitization, Respiratory disease including asthma and bronchitis

#### **Immediate (Acute) Health Effects by Route of Exposure**

**Inhalation Irritation:** Can cause minor respiratory irritation, dizziness, weakness, fatigue, nausea, and headache. Irritating to the nose, throat, and respiratory tract.

**Inhalation Toxicity:** Harmful! Can cause systemic damage (see "Target Organs")

**Skin Contact:** Can cause moderate skin irritation, defatting, and dermatitis. Not likely to cause permanent damage. May cause skin irritation. Sensitizer! Avoid exposure. If sensitized, repeated exposures will result in irritation, reddening, and rashes even for very low exposures.

**Skin Absorption:** Passage of this material into the body through the skin is possible, and may add to toxic effects from breathing or swallowing.

A single exposure is not likely to result in the product being absorbed through the skin in harmful amounts.

**Eye contact:** Can cause minor irritation, tearing and reddening. Can cause irritation. Can cause mechanical irritation if dusts are generated.

**Ingestion Irritation:** Irritating to mouth, throat, and stomach. Can cause abdominal discomfort, nausea, vomiting and diarrhea. Harmful if swallowed.

**Ingestion Toxicity:** slightly toxic

#### **Long-Term (Chronic) Health Effects**

**Carcinogenicity:** Contains a substance that is a possible cancer hazard based on high dose animal studies and/or a human study.

**Reproductive and Developmental Toxicity:** No data available to indicate product or any components present at greater than 0.1% may cause birth defects.

**Mutagenicity:** No data available to indicate product or any components present at greater than 0.1% is mutagenic or genotoxic.

**Inhalation:** Upon prolonged and/or repeated exposure, can cause minor respiratory irritation, dizziness, weakness, fatigue, nausea, and headache. Highly toxic! Can cause systemic damage upon prolonged and/or repeated exposure (see "Target Organs").

**Skin Contact:** Upon prolonged or repeated contact, can cause moderate skin irritation, defatting, and dermatitis. Not likely to cause permanent damage.

**Skin Absorption:** No data.

**Ingestion:** slightly toxic

### Section 4 – First Aid Measures

**Inhalation:** Remove to fresh air. If breathing is difficult, have a trained individual administer oxygen. If not breathing, give artificial respiration and have a trained individual administer oxygen. Get medical attention immediately. If you experience difficulty in breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical attention immediately.

**Eyes:** Immediately flush eyes with plenty of water for at least 20 minutes retracting eyelids often. Tilt the head to prevent chemical from transferring to the uncontaminated eye. Get immediate medical attention and monitor the eye daily as advised by your physician. Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Have eyes examined and tested by medical personnel.

**Skin Contact:** Wash with soap and water. Remove contaminated clothing and launder. Get medical attention if irritation develops or persists. In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes. Remove contaminated clothing and shoes. Get medical attention immediately. Wash clothing before reuse. Thoroughly clean contaminated shoes.

**Ingestion:** Do not induce vomiting and seek medical attention immediately. Provide medical care provider with this MSDS. If swallowed, do not induce vomiting. Get medical attention immediately. Seek medical advice if symptoms persist

**Notes to Doctor:** No additional first aid information available

## Section 5 – Fire Fighting Measures

**Flammability Summary:** Combustible at elevated temperatures

**Extinguishing Media:** Use alcohol resistant foam, carbon dioxide, or dry chemical when fighting fires. Water or foam may cause frothing if liquid is burning but it still may be a useful extinguishing agent if carefully applied to the surface of the fire. Do not direct a stream of water into the hot burning liquid.

**Fire and/or Explosion Hazards:** Material may be ignited only if preheated to temperatures above the high flash point, for example in a fire. Use process enclosures to control the level of dust in the air.

**Fire Fighting Methods and Protection:** Do not enter fire area without proper protection including self-contained breathing apparatus and full protective equipment. Use methods for the surrounding fire.

**Hazardous Combustion Products:** Carbon dioxide, Carbon monoxide

**Flash Point (SFCC):** 101 deg. C 214 deg. F

**Lower Flammable/Explosive Limit:** Not Determined

## Section 6 - Accidental Release

**Personal Precautions and Equipment:** Exposure to the spilled material may be irritating or harmful. Follow personal protective equipment recommendations found in Section 8 of this MSDS. Additional precautions may be necessary based on special circumstances created by the spill including; the material spilled, the quantity of the spill, the area in which the spill occurred. Also consider the expertise of employees in the area responding to the spill.

**Methods for Clean-up:** Prevent the spread of any spill to minimize harm to human health and the environment if safe to do so. Wear complete and proper personal protective equipment following the recommendation of Section 8 at a minimum. Dike with suitable absorbent material like granulated clay. Gather and store in a sealed container pending a waste disposal evaluation.

## Section 7 – Handling and Storage

**Handling Technical Measures and Precautions:** Harmful or irritating material. Avoid contacting and avoid breathing the material. Use only in a well ventilated area. As with all chemicals, good industrial hygiene practices should be followed when handling this material. Minimize dust generation and accumulation Avoid breathing dusts generated during sanding activities. Sanding dust contains crystalline silica which can cause cancer. Guard against dust accumulation of this material.

**Storage Technical Measures and Conditions:** Store in a cool dry place. Isolate from incompatible materials. Keep container closed when not in use. Limit quantity of material stored.

## Section 8 – Exposure Controls/Personal Protection

**Engineering Measures:** No exposure limits exist for the constituents of this product. General room ventilation might be required to maintain operator comfort under normal conditions of use. Engineering controls must be designed to meet the OSHA chemical specific standard in 29 CFR 1910. Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits If user operations generate dust, fume, or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

**Respiratory Protection:** No respiratory protection required under normal conditions of use. Provide general room exhaust ventilation if symptoms of overexposure occur as explained Section III. A respirator is not normally required. Wear a NIOSH approved respirator if levels above the exposure limits are possible. Follow a respiratory protection program that meets 29 CFR 1910.134 and ANSI Z88.2 requirements whenever work place conditions warrant the use of a respirator. Respiratory protection may be required in addition to ventilation depending upon conditions of use.

**Eye Protection:** Wear chemical splash goggles when handling this product. Additionally, wear a face shield when the possibility of splashing of liquid exists. Have an eye wash station available. Wear goggles if dusts can reach the exposure limit.

**Skin Protection:** Avoid skin contact by wearing chemically resistant gloves, an apron and other protective equipment depending upon conditions of use. Inspect gloves for chemical break-through and replace at regular intervals. Clean protective equipment regularly. Wash hands and other exposed areas with mild soap and water before eating, drinking, and when leaving work.

**Gloves:** Required for prolonged or repeated contact. Use solvent resistant gloves. Barrier creams are not substitutes for full physical protection. Refer to safety equipment supplier for effective glove recommendations.

#### Control Parameters:

Chemical Name	ACGIH TLV-TWA	ACGIH STEL	IDLH
Bisphenol-A-diglycidylether	Not Established	Not Established	Not Determined
Calcium Carbonate	Not Established	Not Established	Not Determined
Acrylate monomer	Not Established	Not Established	Not Determined
Titanium dioxide	10 mg/m <sup>3</sup> TWA	Not Established	Not Determined
Quartz	0.1 mg/m <sup>3</sup> TWA (this TLV is for the respirable fraction of dust)	Not Established	Not Determined

### Section 9 – Physical and Chemical Properties

**Physical State:** Paste

**Color:** White

**Odor:** None

**pH:** Not Determined

**Solubility in Water:** Not determined

**Volatiles, % by weight:** 0.01

**Volatiles, % by volume:** 0.02

**Volatile Organic Compounds excluding exempt solvents and water:**

0.00Lb/gallon      0.14 g/l

**Volatile Organic Compounds including exempt solvents and water:**

0.00LB/gallon      0.14g/l

**Vapor Density:**

**Vapor Pressure:** Not Determined

**Boiling Point:** 260.0000000 deg. C; 500 deg. F

**Specific Gravity:** 1.000

**Weight per Gallon:** 13.4201

### Section 10 – Stability and Reactivity

**Stability:** Stable under normal conditions.

**Conditions to Avoid:** Temperatures above the high flash point of this combustible material in combination with sparks, open flames, or other sources of ignition. Contamination

**Materials to Avoid/Chemical Incompatibility:** Metals, Strong oxidizing agents

**Hazardous Decomposition Products:**

### Section 11 - Toxicological Information

**Sensitization** (effects of repeated exposure): No data

#### Component Toxicology Data (NIOSH)

Chemical Name	CAS Number	LD50/LC50
Bisphenol-A-diglycidylether	25068-38-6	SL6321000:Phenol, 4,4'-isopropylidenedi-, monomer with
Calcium Carbonate	471-34-1	No Data Available
Acrylate monomer	15625-89-5	No Data Available
Titanium dioxide	13463-67-7	No Data Available
Quartz	14808-60-7	No Data Available

## Section 12 - Ecological Information

**Overview:** Avoid runoff into ground, storm drains or sewers that lead into waterways. Water runoff may cause environmental damage. There are extensive ecological data available on the various components of these products. An adequate representation of all these data is beyond the scope of this document. Please contact the information phone number found in Section 16.

## Section 13 – Disposal Information

**Waste Description for Spent Product:** Spent or discarded material is not expected to be a hazardous waste.

**Disposal Methods:** Dispose of in accordance with federal, state or provincial and local pollution requirements. Clean preferably with a detergent, avoid the use of solvents. This information applies only to the material as manufactured; processing, use or contamination may make this information inappropriate, inaccurate or incomplete. The generator of the waste has the responsibility for proper waste classification, transportation and disposal.

**Waste Disposal Codes:**

## Section 14 – Transportation Information

**DOT Shipping Information:** DOT & IMDG: Freight All Kinds, Not Regulated

## Section 15 - Regulatory Information

**Note:** Materials listed in this section may be present as trace level contaminants to raw materials. Check Section 2 - Hazardous Ingredients to determine if a significant amount is present

**OSHA:** This product is considered hazardous under the Federal OSHA Hazard Communication Standard.

**WHMIS:**

**SARA Title III:**

*Section 302 Extremely Hazardous Substances:* None

*Section 311 / 312 Hazard Categories:* Immediate health, delayed health, fire hazard.

*Section 313 Toxic Chemicals:* Xylene and ethylbenzene, methanol, Toluene

You may be required to submit this MSDS to state and local emergency response agencies (SERC & LEPC) and to your local fire department. Also, you may be affected by other sections of this law, depending on the chemicals and amounts that you inventory at your location. To learn more about your responsibilities, call the EPA Hotline (800) 535-0202

**Global Inventory**

**Status**

**United States (TSCA)**

In Compliance

**Canada (DSL)**

The components of this product ARE listed on the Canadian Domestic Substances List.

**Proposition 65:** WARNING: This product contains a chemical known to the state of California to cause cancer and birth defects, or other reproductive harm.

## Section 16 - Preparation Information

Prepared by Bondo Corporation

Information phone number: (404) 696-2730

Do not handle until the manufacturer's safety precautions have been read and understood. Regulations require that all employees be trained on Material Safety Data Sheets for all products with which they come in contact.

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