Material Safety Data Sheet

Date of Preparation: December 5, 2006

Section 1 - Product Information

Product Name: 8507084B 7084 B CAN FILLED
Product Code: 7084B
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 part B to be used with part A only.

Emergency Overview

Signs of Overexposure: Irritation of nose, throat, and airways, Coughing, Additional effects may include nausea, vomiting, loss of voice, chest pain, shortness of breath, wheezing, low blood pressure, head ache and lung congestion.
Emergency First Aid: Flush eyes with plenty of water. Avoid rubbing eyes. If irritation develops, seek medical attention. Do not induce vomiting and seek medical attention immediately.
Move to fresh air. If respiratory distress develops, seek medical attention. Wash with soap and water. Get medical attention.
Handling: Avoid contacting and avoid breathing the material. Use only in a well ventilated area.
Material Physical Appearance: Gray
Fire Fighting: Use alcohol resistant foam, carbon dioxide, dry chemical, or water spray 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 fire. Do not direct a water stream directly 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
Calcium Carbonate	50.0 - 60.0	471-34-1	15 mg/m3 TWA (Total); 5 mg/m3 TWA (Respirable)
Nonylphenol	20.0 - 30.0	25154-52-3	No PEL established
1-Piperazineethanamine	5.0 - 10.0	140-31-8	No PEL established
Fatty Acids, Tall-Oil, Reaction Products with Tetraethylenepentamine	5.0 - 10.0	68953-36-6	No PEL established
Epoxidized Oleic Acid, Reaction Products with Tetraethylenepentamine	1.0 - 5.0	68298-14-6	No PEL established
Amorphous Silica	1.0 - 5.0	7631-86-9	No PEL established
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, Respiratory Tract
Chemical Interactions That Change Toxicity: None Known
Medical Conditions Aggravated by Exposure: Eye disease, Respiratory disease including asthma and bronchitis

Immediate (Acute) Health Effects by Route of Exposure
Inhalation Irritation: Can cause severe respiratory irritation, dizziness, weakness, fatigue, nausea, headache and possible unconsciousness. Irritating to the nose, throat, and respiratory tract.
Inhalation Toxicity: Non-Toxic. Not known to cause systemic damage. Harmful if inhaled. Overexposure may cause organ damage.
Skin Contact: Corrosive to skin tissue. Can cause chemical burns. May cause skin irritation.
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: Corrosive to eye tissue. Can cause severe irritation, tearing, and burns that can quickly lead to permanent injury including blindness. Can cause irritation.
Ingestion Irritation: Corrosive to tissue. Can cause severe and permanent damage to mouth, throat, stomach. Aspiration may lead to lung damage. 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 severe respiratory irritation, dizziness, weakness, fatigue, nausea, headache and possible unconsciousness. Highly toxic! Can cause systemic damage upon prolonged and/or repeated exposure (see "Target Organs).
Skin Contact: Upon prolonged or repeated contact, corrosive to skin tissue. Can cause chemical burns.
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. This corrosive material can cause immediate and permanent eye damage. 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.
Skin Contact: Wash with soap and water under a drench shower. Remove contaminated clothing, launder immediately, and discard contaminated leather goods. Get medical attention immediately.
Ingestion: Corrosive. Do not induce vomiting! Drink one glass of water followed by milk if available. Seek medical attention immediately and give the medical care provider this MSDS. Seek medical advice if symptoms persist
Notes to Doctor: No additional first aid information available

Section 5 – Fire Fighting Measures

Flammability Summary: Combustible
Extinguishing Media: Use alcohol resistant foam, carbon dioxide, dry chemical, or water spray 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 fire. Do not direct a water stream directly into the hot burning liquid.
Fire and/or Explosion Hazards: Material may be ignited if preheated to temperatures above the flash point in the presence of a source of ignition.
Fire Fighting Methods and Protection: Do not enter fire area without proper protection including self-contained breathing apparatus and full protective equipment. Fight fire from a safe distance and a protected location due to the potential of hazardous vapors and decomposition products.
Hazardous Combustion Products: Nitrogen containing gases
Flash Point (SFCC): 93 deg. C > 200 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. 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. Limit quantity of material stored. Keep container closed when not in use.

Section 8 – Exposure Controls/Personal Protection

Engineering Measures: Local exhaust ventilation or other engineering controls are normally required when handling or using this product to avoid overexposure. Engineering controls must be designed to meet the OSHA chemical specific standard in 29 CFR 1910. If user operations generate dust, fume, or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit. Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits
Respiratory Protection: Respiratory protection will be required when handling this product. Use respirators only if ventilation cannot be used to eliminate symptoms or reduce the exposure to below acceptable levels. 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.
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
Calcium Carbonate	Not Established	Not Established	Not Determined
Nonylphenol	Not Established	Not Established	Not Determined
1-Piperazineethanamine	Not Established	Not Established	Not Determined
Fatty Acids, Tall-Oil, Reaction Products with Tetraethylenepentamine	Not Established	Not Established	Not Determined
Epoxidized Oleic Acid, Reaction Products with Tetraethylenepentamine	Not Established	Not Established	Not Determined
Amorphous Silica	Not Established	Not Established	Not Determined
Quartz	0.1 mg/m3 TWA (this TLV is for the respirable fraction of dust)	Not Established	Not Determined

Section 9 – Physical and Chemical Properties

Physical State: Paste
Color: Gray
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 0.2 g/l
Volatile Organic Compounds including exempt solvents and water:
0.00LB/gallon 0.2g/l
Vapor Density:
Vapor Pressure: Not Determined
Boiling Point: 220. deg. C; 428 deg. F
Specific Gravity: 0.99
Weight per Gallon: 12.7047

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: Strong oxidizing agents, Metals
Hazardous Decomposition Products: Nitrogen containing gases

Section 11 - Toxicological Information

Sensitization (effects of repeated exposure): No data

Component Toxicology Data (NIOSH)

Chemical Name	CAS Number	LD50/LC50
Calcium Carbonate	471-34-1	No Data Available
Nonylphenol	25154-52-3	No Data Available
1-Piperazineethanamine	140-31-8	No Data Available
Fatty Acids, Tall-Oil, Reaction Products with Tetraethylenepentamine	68953-36-6	No Data Available
Epoxidized Oleic Acid, Reaction Products with Tetraethylenepentamine	68298-14-6	No Data Available
Amorphous Silica	7631-86-9	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 may 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: UN1760, Corrosive Liquid, N.O.S., (Amine Compound, Nonylphenol), 8, PGIII

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, 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.
While Bondo Corporation believes that the data contained herein are accurate and derived from qualified sources, the data are not to be taken as a warranty or representation for which Bondo Corporation assumes legal responsibility. They are offered solely for your consideration, investigation and verification. Any use of these data and information must be determined by the user to be in accordance with applicable federal, state or provincial and local laws and regulations.