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Hazard Communication Program

I. COMPANY POLICY

JBI Construction Inc. is committed to the prevention of exposures that result in injury and/or illness; and to comply with all applicable state health and safety rules. Under this program employees are informed of the contents of the OSHA Hazard Communication Standard, the hazardous properties of the chemicals with which they work, safe handling procedures and measures to take to protect themselves from these chemicals. To make sure that all affected employees know about information concerning the dangers of all hazardous chemicals used by JBI Construction Inc. the following hazard communication program has been established. This written program will be available in the Safety Manager's office and each job foreman's vehicle for review by any interested employee.

All work units of JBI Construction Inc. will participate in the hazard communication program.

II. CONTAINER LABELING

The Safety Manager is responsible for container labeling procedures, reviewing, and updating. The labeling system used at JBI Construction Inc. is as follows:

Labeling will follow the requirements in the 2012 revision of the OSHA Hazard Communication Standard to be consistent with the United Nations Globally Harmonized System(GHS) of Classification of Labeling Chemicals. The label on the chemical/material is intended to convey information about the hazards posed by the chemical through standardized label elements, including symbols, signal words and hazard statements.

All hazardous chemical containers used at this workplace will have:

- The original manufacturer's label that includes a product identifier, an appropriate signal word, hazard statement(s), pictogram(s), precautionary statements(s), and the name, address, and telephone numbers of the chemical manufacturer, importer, or other responsible party
- A label with the appropriate label elements just described
- Work place labeling that includes the product identifier and words, pictures, symbols, or combination that provides as least general information regarding the hazards of the chemicals.

Small quantities intended for immediate use may be placed in a portable container without a label from labeled containers, provided that the individual keeps it in their possession at all times and the product is used up during the work shift or properly disposed of at the end of the work day. However, the container should be marked with its contents.

III. SAFETY DATA SHEETS (SDS)

The Safety Manager is responsible for establishing and monitoring JBI Construction Inc. SDS program. The Safety Manager will make sure procedures are developed to obtain the necessary SDSs and will review incoming SDSs for new or significant health and safety information. The Safety Manager will make certain that any new information is passed on to affected employees.

The procedures to obtain SDSs and review incoming SDSs for new or significant health and safety information are as follows:

- Safety Manager will review and request manufacturer SDS on any new product used by JBI Construction Inc. and periodically review current SDS sheets for revised versions.
- Upon receipt of new or revised SDS data the information will be entered into JBI's electronic Safety/SDS manual. This electronic manual is a shared document accessible by all JBI office, shop and field foremen by clicking the Google drive link saved to their mobile phones. Hard copies of any new or revised SDS data will be provided on a weekly basis with the employees' paycheck for incorporation into the physical copy of the manual maintained by the onsite project foremen

Copies of SDSs for all hazardous chemicals in use will be kept in JBI's front office and shop. SDSs will be available to all employees during each work shift. If an SDS is not available or a new chemical in use does not have an SDS, immediately contact the Safety Manager. SDS Manual will be updated on an annual basis.

IV. EMPLOYEE INFORMATION AND TRAINING

The Safety Manager will make sure that before starting work, each new employee of JBI Construction Inc. will attend a health and safety orientation that includes information and training on the following:

- An overview of the requirements contained in the Hazard Communication Standard.
- Hazardous chemicals present at his or her work places.
- Physical and health risks of the hazardous chemical.
- The symptoms of overexposure.
- How to determine the presence or release of hazardous chemicals in his or her work area.
- How to reduce or prevent exposure to hazardous chemicals through use of control procedures, work practices, and personal protective equipment.
- Steps JBI Construction Inc. has taken to reduce or prevent exposure to hazardous chemicals.
- Procedures to follow if employees are overexposed to hazardous chemicals.
- How to read labels and review SDSs to obtain hazard information.
- Location of the SDS file and written hazard communication program.

Before introducing a new chemical hazard into any section of this employer, each employee in that section will be given information and training as outlined above for the new chemical.

After attending the training, employees will sign a form verifying that they understand the above topics and how the topics are related to our hazard communication plans.

V. HAZARDOUS NON-ROUTINE TASKS

Periodically, employees are required to perform hazardous non-routine tasks. Non-routine tasks that are performed at JBI Construction Inc. include:

1. Confined space entry – such as manholes that require grouting or epoxy joint sealants

Prior to starting work on such projects, each affected employee will be given information by the jobsite foreman about the hazardous chemicals he or she may encounter during these activities:

- Contact of materials or dust/fumes/vapors may cause skin irritation, eye irritation, breathing issues. Harmful if swallowed.
- Avoid breathing dust, fumes, gas, direct contact with the skin, and ingestion. Follow manufactures directions for mixing, applying, etc. Do not use in enclosed space with no ventilation/fresh air supply to ensure that occupational exposure limit is not exceeded.
- JBI supplies and requires the use of personal protection devices, such as safety glass, gloves, and particulate respirators for safe handling and application of materials. Secondary attendant is required when any employee of JBI is working in a confined space. Fresh water for washing hands/arms, rinsing of the eye and drinking should employee come in direct contact is on jobsite. Employees are reminded to utilize supplied water to wash hands/face when finished handling materials and prior to eating, drinking or smoking.

VI. MULTI-EMPLOYER WORK PLACES

It is the responsibility of the Safety Manager to provide employers of any other employees at the work site with the following information:

- Copies of SDSs (or make them available at a central location) for any hazardous chemicals that the other employer(s)' employee may be exposed to while working.
- Inform other employers of any precautionary measures that need to be taken to protect employees during normal operating conditions or in foreseeable emergencies.
- Provide other employers with an explanation of the labeling system that is used at the work site.

It is also the responsibility of the Safety Manager to identify and obtain SDSs for the chemicals the subcontractor is bringing into the work place. Onsite foreman should advise the office of any materials used that are not a part of JBI Construction Inc. hazard communication plan so necessary SDS information can be obtained and distributed.

VII. LIST OF HAZARDOUS CHEMICALS

The attached table lists all known hazardous chemicals with a potential for employee exposure used at this workplace. Detailed information about physical, health, and other hazards of each chemical is included in the Safety Data Sheet(SDS); the product identifier for each chemical on the list matches and can be easily cross-referenced with the product identifier on its label and on its Safety Data Sheet. A copy of this information may be obtained by reviewing SDSs located at the Front Office, Shop and each jobsite Foreman's truck. This list will be updated with each new product used by this workplace and distributed both electronically and hard copies to incorporate into the Hazard Communications Manual. HCM will be reviewed and updated annually as well.

List of Chemical/Materials/SDS Identity/First Alert Symptoms and Aid

Chemical Name	Manufacturer	Location Used	First Alert Symptoms and Aid
Aervoe Marking Paint	Aervoe	all jobsite	 Inhalation: Irritation of mucus membrane, drowsiness or dizziness, prolonged exposure. Remove to fresh air. Skin Contact: Irritating to skin. Wash with soap and water. Prolonged exposure can lead to dermatitis. Eye Contact: Serious eye irritation. Immediately flush eyes with plenty of water for at least 15 minutes. Ingestion: May be fatal if swallowed and enters airways. Wash out mouth with water. Do NOT induce vomiting. Get medical attention immediately.
Arctic Diesel Mate	Certified Labs, Div of NCH Corp	Shop	 Inhalation: Irritation to respiratory tract. Headache, dizziness, fatigue, muscular weakness, drowsiness. Remove to fresh air. Skin Contact: Skin irritation or allergic skin reaction. Rinse off with water for at least 15 minutes Eye Contact: Eye irritation. Rinse thoroughly with plenty of water, also under eyelids for 15 minutes. Ingestion: May be fatal if swallowed and enters airways. Wash out mouth with water. Drink 1-2 glasses of water. Do NOT induce vomiting. Get medical attention if unwell.
All Fleet Plus SAE 30 Engine Oil	Ashland	Shop	 Inhalation: Irritation to mucus membrane. Remove to fresh air. Skin Contact: Skin irritation. Rinse well with water. Eye Contact: Serious eye irritation. Rinse cautiously with water for several minutes. Ingestion: Do NOT give milk or alcoholic beverages. Get medical attention.
Blaster PB Penetrating Catalyst	The Blaster Corporation	Shop	 Inhalation: May cause respiratory tract irritation. Remove to fresh air. Skin Contact: Skin irritation – redness, drying, defatting and cracking. Flush skin with plenty of water. Wash exposed skin with mild soap and water followed by warm water rinse. Eye Contact: Discomfort or pain, excessive blinking and tear production, redness and swelling. Rinse immediately with plenty of water. Ingestion: May be fatal if swallowed and enters airways. Stomach distress, nausea or vomiting. Wash out mouth with water. Do NOT induce vomiting. Get medical attention immediately.
Buckeye Ultra Fibers 500	Buckeye Technologies	Jobsites	Inhalation: Irritation to mucus membrane. Remove to fresh air Skin Contact: Unlikely to cause issues. Eye Contact: Minor eye irritation. Redness and watering. Flush with water Ingestion: Not likely to be harmful.

Chemical Name	Manufacturer	Location Used	First Alert Symptoms and Aid
Certified Free Penetrant and Release Agent Not Considered Hazardous per OSHA Standards	Certified Laboratories	Shop	 Inhalation: Irritation to mucus membrane. May cause drowsiness or dizziness. Remove to fresh air Skin Contact: Dryness or cracking. Wash affected area with soap and water. Eye Contact: Eye irritation. Rinse eyes for 15 minutes with water. Ingestion: Gastric lavage. Give 3-4 glasses of water. Do NOT induce vomiting.
Certified Premalube #2 Grease	Certified Laboratories	Shop	Inhalation: General not a hazard. Skin Contact: Tearing and Redness. Rinse eyes with water for several minutes. Eye Contact: Itching and Redness. Wash affected area with soap and water. Ingestion: Irritation with possible nausea, vomiting or diarrhea. Give 3-4 glass of water. Do NOT induce vomiting.
Class F Fly Ash	Charah Inc.	Jobsites	 Inhalation: Respiratory irritation and coughing. Remove to fresh air. Skin Contact: Skin irritation, dryness, and dermatitis. Wash affected area with soap and water. Eye Contact: Dryness, itching, irritation. Rinse with water for several minutes. Ingestion: No specific first aid measures are required.
ChemMasters Silencure – A Curing and Sealing Compound	ChemMasters Inc.	Jobsites	 Inhalation: Irritation to mucus membrane. May cause drowsiness or dizziness. Remove to fresh air. Skin Contact: Skin irritation. Rinse with water then wash with soap and plenty of water. Eye Contact: Tearing and Redness. Rinse eyes with water for several minutes. Ingestion: Immediately call poison control. Do NOT induce vomiting.
Country Mark Extreme Tacky	Metalcote Division of Chemtool Inc.	Shop	 Inhalation: Respiratory irritation. Remove to fresh air. Skin Contact: Skin irritation or rash. Wash with plenty of soap and water. Rinse for at least 10 minutes. Eye Contact: Eye irritation. Flush eyes with water, lifting the eye lids. Continue to rinse for 10 minutes Ingestion: Give small quantities of water to drink. Do NOT induce vomiting unless directed by medical personnel. If vomiting occurs keep head low so that vomit does not enter the lungs.
County Mark Premium Diesel – R	Country Mark	Shop/Jobsites	 Inhalation: Respiratory irritation and coughing. Remove to fresh air. Skin Contact: Moderate irritation, defatting or dermatitis. Wash affected areas with soap and water. Eye Contact: Severe irritation, redness, tearing, blurred vision. Flush with large amounts of water, lifting eye lids. Ingestion: Gastrointestinal irritation, nausea, vomiting, diarrhea. Do NOT induce vomiting. Seek medical attention.

Chemical Name	Manufacturer	Location Used	First Alert Symptoms and Aid
Country Mark Premium Dieselex -4	Country Mark	Shop/Jobsites	 Inhalation: Respiratory irritation, coughing, drowsiness and dizziness. Remove to fresh air. Skin Contact: Moderate irritation, defatting or dermatitis. Wash affected areas with soap and water. Eye Contact: Severe irritation, redness, tearing, blurred vision. Flush with large amounts of water, lifting eye lids. Ingestion: Gastrointestinal irritation, nausea, vomiting, diarrhea. Do NOT induce vomiting. Do NOT give liquids. If Spontaneous vomiting occurs lean victim forward to reduce the risk of aspiration. Seek medical attention.
Country Mark Unleaded Gasoline	Country Mark	Shop/Jobsites	 Inhalation: Respiratory irritation, coughing, drowsiness and dizziness. Remove to fresh air. Skin Contact: Moderate irritation, defatting or dermatitis. Wash affected areas with soap and water. Eye Contact: Severe irritation, redness, tearing, blurred vision. Flush with large amounts of water, lifting eye lids. Ingestion: Gastrointestinal irritation, nausea, vomiting, diarrhea. Do NOT induce vomiting. Do NOT give liquids. If Spontaneous vomiting occurs lean victim forward to reduce the risk of aspiration. Seek medical attention.
CRC Brakleen Parts Cleaner	CRC Industries Inc.	Shop	 Inhalation: Respiratory irritation, headache, drowsiness and dizziness. Remove to fresh air. Skin Contact: Moderate irritation. Rinse affected area with water. Eye Contact: Stinging, tearing, redness, swelling, blurred vision. Flush with water for 15 minutes. Ingestion: Nausea or vomiting. Rinse mouth and call poison control.
Dayton Superior Sure Anchor IJ51	Dayton Superior	Jobsites	 Inhalation: Respiratory irritation, headache, drowsiness and dizziness. Remove to fresh air. Skin Contact: Skin irritation. Immediately wash with soap and water. Eye Contact: Serious eye irritation. Rinse cautiously with water for several minutes. Ingestion: Seek immediate medical treatment.
Dow Corning 890-SL Silicone Joint Sealant	Dow Corning	Jobsite	 Inhalation: Slight respiratory irritant. Remove to fresh air. Skin Contact: Moderate irritation. Blot or brush excess chemical away. Immediately flush with lukewarm gently flowing water for 15-20 minutes Eye Contact: Severe irritation. Immediately flush with gently flowing water for 15-20 minutes Ingestion: Low ingestion hazard. If discomfort occurs obtain medical advice.

Chemical Name	Manufacturer	Location Used	First Alert Symptoms and Aid
Euco Diamond Hard Cleaning Agent	Euclid Chemical Company	Jobsite	 Inhalation: Respiratory irritant. Remove to fresh air. Skin Contact: Skin Corrosion causes burns, redness, itching, irritation, eczema/chapping. Immediately flush with plenty of water for at least 15 minutes. Eye Contact: Serious eye irritant. Burning and tearing. Flush with water for at least 15 minutes. Ingestion: Rinse mouth. Do NOT induce vomiting. Immediately call poison control.
Faux Brick Color Hardener	Artcrete Inc.	Jobsite	 Inhalation: Respiratory irritant. Coughing, wheezing or breathlessness. Remove to fresh air. Skin Contact: Skin irritant, may cause alkali burns, dryness, itching. Wash thoroughly with soap and water. Eye Contact: Eye irritant, inflammation or abrasion. Flush with water. Ingestion: Unlikely ingestion hazard. If discomfort occurs obtain medical advice.
Husqvarna 2-Cycle Oil Low Smoke	Husqvarna	Shop	Inhalation: Respiratory irritant. Remove to fresh air. Skin Contact: Skin irritant, rash. Wash thoroughly with soap and water. Eye Contact: Eye irritation. Rinse cautiously with water for several minutes Ingestion: Rinse mouth. Do NOT induce vomiting. If Spontaneous vomiting occurs lean victim forward to reduce the risk of aspiration. Seek medical attention.
IMI Ready Mix Concrete	imi Concrete	Jobsite	 Inhalation: Respiratory irritant. Remove to fresh air. Prolong exposure can cause silicosis, fibrosis or scar tissue formation in the lungs. Skin Contact: Skin corrosion/irritant. Burns, allergic reaction, dermatitis, ulcerations, reddening, drying, thickening, cracking of skin and nails. Wash with plenty of ph neutral soap and water. Eye Contact: Eye irritant ranges from moderate, chemical burns, blindness. Pain, redness, watering. Rinse cautiously with water for at least 20 minutes. Ingestion: Severe irritant, chemical burns of the mouth, throat, stomach and digestive track. Get immediate medical attention.
Lehigh Portland Cement	Lehigh White Cement Company	Jobsite	 Inhalation: Respiratory irritant. Remove to fresh air. Prolong exposure can cause silicosis, fibrosis or scar tissue formation in the lungs. Skin Contact: Skin corrosion/irritant. Blot or brush away excess materials. Burns, allergic reaction, dermatitis, ulcerations, reddening, drying, thickening, cracking of skin and nails. Wash with plenty of ph neutral soap and water. Eye Contact: Eye irritant ranges from moderate, chemical burns, and blindness. Rinse cautiously with water for at least 20 minutes. Consult doctor. Ingestion: Severe irritant, chemical burns of the mouth, throat, stomach and digestive track. Rinse mouth. Do NOT induce vomiting. Get immediate medical attention.

Chemical Name	Manufacturer	Location Used	First Alert Symptoms and Aid
Liquidow Technical Grade Calcium Chloride Solutions	Occidental Chemical Corporation	Jobsite	 Inhalation: Respiratory irritant. Nasal mucosal and oropharyngeal erythema Skin Contact: Skin irritant. Redness, itching, swelling. Rinse with plenty of water Eye Contact: Serious eye irritant. Pain, swelling, redness, acute corneal thickening or whitening. Rinse with water for several minutes. Ingestion: Nausea, vomiting and increased thirst. Rinse mouth and contact poison control.
Lucas Heavy Duty Oil Stabilizer Not Considered Hazardous per OSHA Standards	Lucas Oil Products Inc.	Shop	Inhalation: Remove to fresh air. Skin Contact: Rinse contaminated skin with soap and water. Eye Contact: Immediately flush with plenty of water, lifting lids. Ingestion: Rinse mouth with water. Give small quantities of water. Do NOT induce vomiting unless directed to by medical personnel.
Lucas Hub Oil Not Considered Hazardous per OSHA Standards	Lucas Oil Products Inc.	Shop	Inhalation: Remove to fresh air. Skin Contact: Rinse contaminated skin with soap and water. Eye Contact: Immediately flush with plenty of water, lifting lids. Ingestion: Rinse mouth with water. Give small quantities of water. Do NOT induce vomiting unless directed to by medical personnel.
Lucas Synthetic SAE 75W- 90 Gear Oil Not Considered Hazardous per OSHA Standards	Lucas Oil Products	Shop	Inhalation: Remove to fresh air. Skin Contact: Rinse contaminated skin with soap and water. Eye Contact: Immediately flush with plenty of water, lifting lids. Ingestion: Rinse mouth with water. Give small quantities of water. Do NOT induce vomiting unless directed to by medical personnel.
MM-80P Epoxy Part A	Metzger/McGuire Co.	Jobsite	 Inhalation: Over exposure to vapors is considered unlikely. Remove to fresh air. Skin Contact: Skin irritant. Immediately wash with plenty of soap and water Eye Contact: Eye irritant, corneal injury is likely. Flush with tepid running water for 15 minutes. Ingestion: Single dose oral toxicity is considered very low, ingestion of small amount is not expected to be harmful. Wash out mouth with water. Do NOT induce vomiting unless directed to by medical personnel.

Chemical Name	Manufacturer	Location Used	First Alert Symptoms and Aid
MM-80P Epoxy Part B	Metzger/McGuire Co.	Jobsite	 Inhalation: Irritation to nose, throat, lungs with cough, difficulty breathing, dizziness, pulmonary edema, wheezing, abnormal lung sounds, bluish discoloration of skin. Remove to fresh air. Skin Contact: Skin irritant. May cause burns, allergic reaction, redness and itching. Immediately wash with plenty of soap and water Eye Contact: Serious irritant, may cause burns, redness and pain. Flush with tepid running water for 15 minutes, lifting lids. Ingestion: May cause severe and permanent damage to mouth, throat, and stomach. Wash out mouth with water. Do NOT induce vomiting unless directed to by medical personnel. Get medical attention immediately.
Mulzer Crushed Aggregate	Mulzer Crushed Stone Inc.	Jobsite	Inhalation: Respiratory irritant. Remove to fresh air. Skin Contact: Skin irritant. Wash thoroughly with soap and water. Eye Contact: Eye irritation. Rinse cautiously with water for 15 minutes Ingestion: Rinse mouth. Dust in throat and nasal passages should clear spontaneously.
Napa Extended Life Antifreeze	Old World Industries, LLC.	Shop	 Inhalation: Respiratory irritant. Remove to fresh air Skin Contact: Skin irritant. Immediately wash with soap and water. Eye Contact: Serious eye irritant. Rinse immediately with plenty of water for 15 minutes, lifting lids. Ingestion: Rinse Mouth. If victim is conscious make them drink two glasses of water. Do NOT induce vomiting. Obtain emergency medical attention. If medical advice is delayed, and if the person has swallowed a moderate volume of material (a few ounces) then give three to four ounces of hard liquor, such as whiskey.
Napa Mac's Starting Fluid	Niteo Products LLC.	Shop	 Inhalation: Respiratory irritant. May cause drowsiness or dizziness, irritation to nose, throat and airways. Remove to fresh air. Skin Contact: Skin irritant. Rinse well with water. Eye Contact: Eye irritant. Flush with water. Ingestion: Nausea, vomiting and diarrhea. May be fatal if swallowed and enters airways. Immediately call Poison Control. Do NOT induce vomiting. Do NOT give milk or alcoholic beverages.
Napa Synthetic Ow20 Oil Not Considered Hazardous per OSHA Standards	Valvoline LLC.	Shop	 Inhalation: Respiratory irritant. Remove to fresh air. Skin Contact: Skin irritant. Wash with soap and water. Eye Contact: Eye irritant. Flush with water. Ingestion: Stomach or intestinal upset (nausea, vomiting, diarrhea). Do NOT give milk or alcoholic beverages. Call medical personnel.

Chemical Name	Manufacturer	Location Used	First Alert Symptoms and Aid
Napa Synthetic 10w30 O Not Considered Hazardous per OSHA Standards	Valvoline LLC.	Shop	 Inhalation: Respiratory irritant. Remove to fresh air. Skin Contact: Skin irritant. Wash with soap and water. Eye Contact: Eye irritant. Flush with water. Ingestion: Stomach or intestinal upset (nausea, vomiting, diarrhea). Do NOT give milk or alcoholic beverages. Call medical personnel.
Parts Master Antifreeze Coolant	Prestone Products	Shop	 Inhalation: Respiratory irritant and nervous system effects. Remove to fresh air Skin Contact: Skin irritant. Immediately wash with soap and water. Eye Contact: Series eye irritant. Rinse immediately with plenty of water for 15 minutes, lifting lids. Ingestion: Abdominal discomfort, nausea, vomiting, dizziness, drowsiness, blurring of vision, irritability, back pain, decrease in urine output, kidney failure. Rinse Mouth. Do NOT induce vomiting. Obtain emergency medical attention.
Pennzoil Dexron VI Transmission Fluid Not Considered Hazardous per OSHA Standards	Shell Oil Products	Shop	Inhalation: Respiratory irritant. NO treatment necessary under normal conditions. Skin Contact: Skin irritant. Wash with soap and water. Eye Contact: Eye irritant. Flush with water. Ingestion: Stomach or intestinal upset (nausea, vomiting, diarrhea). Do NOT give milk or alcoholic beverages. Call medical personnel.
Power Service Diesel Fuel Supplement	Power Service Products, Inc.	Shop	 Inhalation: Respiratory irritant, drowsiness or dizziness. Can be toxic if inhaled. Remove to fresh air. Skin Contact: Skin irritant. Rinse with water. Eye Contact: Series eye irritant. Rinse cautiously with water for several minutes. Ingestion: May be fatal if swallowed and enters airways. Do NOT induce vomiting. Obtain emergency medial attention.
Prospec 3U18 Concrete Patching Mix	Akona Manufacturing LLC.	Jobsite	 Inhalation: Respiratory irritant. Coughing, wheezing, sore throat. Remove to fresh air. Skin Contact: Skin irritant. Burns, dryness and allergic reaction/rash. Remove dry material from skin but avoid creating dust. Promptly wash with soap and water. Eye Contact: Series eye irritant. Burns and abrasions. Rinse cautiously with water for 15 minutes Ingestion: Rinse mouth with water to remove any material and drink plenty of water to dilute any swallowed materials. Do NOT induce vomiting unless advised by medical personnel. Immediately call poison control.

Akona Manufacturing LLC. The Quikcrete Companies Emco Chemcial Dist. Inc.	Jobsite	 Inhalation: Unlikely to be an inhalation hazard. NO treatment necessary under normal conditions. Skin Contact: Skin irritant. Wash with soap and water. Eye Contact: Eye irritant. Flush with water. Ingestion: Stomach or intestinal upset (nausea, vomiting, diarrhea). Do NOT induce vomiting. Call poison control. Inhalation: Respiratory irritant. Remove to fresh air. Prolong exposure can cause silicosis, fibrosis or scar tissue formation in the lungs. Skin Contact: Skin corrosion/irritant. Blot or brush away excess materials. Burns, allergic reaction, dermatitis, ulcerations, reddening, drying, thickening, cracking of skin and nails. Wash with plenty of ph neutral soap and water. Eye Contact: Eye irritant ranges from moderate, chemical burns, blindness. Rinse cautiously with water for at least 15 minutes. Consult doctor. Ingestion: Severe irritant, chemical burns of the mouth, throat, stomach and digestive track. Rinse mouth. Do NOT induce vomiting. Get immediate medical attention.
		silicosis, fibrosis or scar tissue formation in the lungs. Skin Contact : Skin corrosion/irritant. Blot or brush away excess materials. Burns, allergic reaction, dermatitis, ulcerations, reddening, drying, thickening, cracking of skin and nails. Wash with plenty of ph neutral soap and water. Eye Contact: Eye irritant ranges from moderate, chemical burns, blindness. Rinse cautiously with water for at least 15 minutes. Consult doctor. Ingestion : Severe irritant, chemical burns of the mouth, throat, stomach and digestive
Emco Chemcial Dist. Inc.	0	
	Shop	 Inhalation: Respiratory irritant. Remove to fresh air Skin Contact: Skin irritant. Rinse with plenty of water. Eye Contact: Eye irritant. Flush with water for minimum of 15 minutes, lifting lids. Ingestion: Rinse ingested small amount from mouth with water until taste is gone. Do NOT induce vomiting. Do NOT give liquids. Call poison control.
Sealed Air Corporation US	Jobsite	 Inhalation: Unlikely to be an inhalation hazard. No information available. Skin Contact: Skin irritant. Wash with soap and water. Eye Contact: Eye irritant. Flush with water for 15 minutes. Ingestion: Unlikely to be an ingestion hazard. No information available.
The Penray Companies	Shop	 Inhalation: Respiratory irritant. Remove to fresh air. Skin Contact: Skin irritant, redness, drying, defatting and cracking of skin. Flush skin with plenty of water. Eye Contact: Series Eye irritant. Discomfort, pain, excess blinking and tear production, and swelling. Flush eye with plenty of water for at least 15 minutes Ingestion: Stomach distress, nausea or vomiting. Do NOT induce vomiting unless directed by medical personnel. Call poison control.
AIOD	Shop	 Inhalation: Respiratory irritant. NO treatment necessary under normal conditions. Skin Contact: Skin irritant. Wash with soap and water. Eye Contact: Eye irritant. Flush with water for at least 15 minutes. Ingestion: Stomach or intestinal upset (nausea, vomiting, diarrhea). Do NOT induce vomiting. Call medical personnel.
-	The Penray Companies	The Penray Companies Shop

Chemical Name	Manufacturer	Location Used	First Alert Symptoms and Aid
Sherwin Williams Xylene	The Sherwin Williams Company	Jobsite	 Inhalation: Respiratory irritant, coughing, headache, nausea or vomiting, drowsiness, dizziness, unconsciousness. Can be toxic if inhaled. Remove to fresh air. Skin Contact: Skin irritant. Redness. Rinse with water for at least 10 minutes. Eye Contact: Serious eye irritant. Pain, watering, and redness. Rinse cautiously with water for several minutes, lifting lids. Ingestion: May be fatal if swallowed and enters airways. Wash out mouth with water. Give small amounts of water to drink. Do NOT induce vomiting. Aspiration hazard. If vomiting occurs keep head low so that vomit does not enter the lungs. Obtain emergency medical attention.
Sikadur 32 Hi Mod Epoxy Part A	Sika Canada Inc.	Jobsite	 Inhalation: Respiratory irritant. Remove to fresh air. Skin Contact: Skin irritant. Immediately wash with plenty of soap and water Eye Contact: Eye irritant, corneal injury is likely. Flush with tepid running water for 15 minutes. Ingestion: Stomach or intestinal upset (nausea, vomiting, diarrhea). Drink plenty of water. Do NOT induce vomiting. Call medical personnel.
Sikadur 32 Hi Mod Epoxy Part B	Sika Canada Inc.	Jobsite	 Inhalation: Irritation to nose, throat, lungs with cough, difficulty breathing, Headaches, dizziness, and damage to lungs. Remove to fresh air. Skin Contact: Skin irritant. May cause burns, allergic reaction, redness and itching. Immediately wash with plenty of soap and water Eye Contact: Serious irritant, may cause burns, redness and pain. Flush with tepid running water for 15 minutes, lifting lids. Ingestion: May cause severe damage to mouth, throat, and stomach. Vomiting, dizziness and diarrhea. Wash out mouth with water. Do NOT induce vomiting unless directed to by medical personnel. Get medical attention immediately.
Sikaflex 2C NS	Sika Canada Inc.	Jobsite	 Inhalation: Irritation to nose, throat, lungs with cough, difficulty breathing, Headaches, dizziness, and damage to lungs. Remove to fresh air. Skin Contact: Skin irritant. May cause burns, allergic reaction, redness and itching. Immediately wash with plenty of soap and water Eye Contact: Serious irritant. Flush with tepid running water for 15 minutes, lifting lids. Ingestion: May cause vomiting, dizziness and diarrhea. Wash out mouth with water. Drink plenty of water. Do NOT induce vomiting unless directed to by medical personnel. Get medical attention immediately.

Chemical Name	Manufacturer	Location Used	First Alert Symptoms and Aid
Sikalatex R Not Considered Hazardous per OSHA Standards	Sika Canada Inc.	Jobsite	 Inhalation: Respiratory irritant. Remove to fresh air. Skin Contact: Skin irritant. Wash with soap and plenty of water. Eye Contact: Eye irritant. Flush with water. Ingestion: Stomach or intestinal upset (nausea, vomiting, diarrhea). Clean mouth with water and drink afterwards plenty of water. Do NOT induce vomiting. Do NOT give milk or alcoholic beverages. Call medical personnel.
Sta-bil Fuel Stabilizer	Gold Eagle Company	Shop	 Inhalation: Respiratory irritant risk is of inhalation is low. Remove to fresh air. Skin Contact: Mild irritant. Wash affected area with soap and water. Eye Contact: Mild irritant. Flush with water. Ingestion: On ingestion of small quantities there may be irritation and diarrhea. On ingestion of larger quantities slight GI discomfort diarrhea and headache. Do NOT induce vomiting. Get medical attention immediately. Product contains petroleum distillate.
Stihl HP Ultra 2 Cycle Engine Oil Not Considered Hazardous per OSHA Standards	Omni Specialty Packaging LLC	Shop	 Inhalation: Respiratory irritant. Coughing and difficulty breathing. Remove to fresh air. Skin Contact: Skin irritant. Wash with soap and water. Eye Contact: Eye irritant. Flush with water for 15 minutes, lifting lids. Ingestion: Not expected to be harmful. Stomach or intestinal upset (nausea, vomiting, diarrhea). Do NOT induce vomiting. Drink plenty of water.
Sunnyside Corp Hydrochloric(muriatic) Acid	Sunnyside Corporation	Jobsite	 Inhalation: Irritation to nose, throat, lungs with cough, difficulty breathing, Headaches, dizziness, and damage to lungs. Remove to fresh air. Call Poison Control. Skin Contact: Skin irritant. May cause burns, allergic reaction, redness and itching. Immediately wash with plenty of soap and water. Call Poison Control. Eye Contact: Serious irritant. Flush with water for at least 15 minutes, lifting lids. Call Poison Control. Ingestion: May cause vomiting, dizziness and diarrhea. Wash out mouth with water. Drink plenty of water. Do NOT induce vomiting unless directed to by medical personnel. Call poison control and get medical attention immediately.
SuperS Superfuel 50:1 2 cycle Oil and Gas	Smitty's Supply Inc.	Shop	 Inhalation: Irritation to nose, throat, lungs with cough, difficulty breathing, Headaches, dizziness, and damage to lungs. Remove to fresh air. Skin Contact: Skin irritant. May cause allergic reaction, redness and itching. Immediately wash with plenty of soap and water Eye Contact: Serious irritant, may cause redness and pain. Flush with tepid running water for 15 minutes, lifting lids. Ingestion: May be fatal if swallowed. Vomiting, dizziness and diarrhea. Wash out mouth with water. Do NOT induce vomiting unless directed to by medical personnel. Aspiration hazard. If vomiting occurs keep head low so that vomit does not enter the lungs. Call poison control and get medical attention immediately.

Chemical Name	Manufacturer	Location Used	First Alert Symptoms and Aid
Temple Inland Fiberflex Expansion Not Considered Hazardous per OSHA Standards	Temple Inland	Jobsite	 Inhalation: Unlikely to be an inhalation hazard. Remove to fresh air. Skin Contact: Skin irritant. Wash with soap and water. Eye Contact: Eye irritant. Flush with water for 15 minutes. Ingestion: Unlikely to be an ingestion hazard. If ingested irritation of the gastrointestinal tract may occur and should be treated symptomatically.
Travellar DEF Diesel Exhaust Fluid Not Considered Hazardous per OSHA Standards	Mansfield Oil Company, Inc.	Shop	Inhalation: Respiratory irritant. Remove to fresh air. Skin Contact: Skin irritant. Wash with soap and water. Eye Contact: Eye irritant. Flush with water. Ingestion: Stomach or intestinal upset (nausea, vomiting, diarrhea). Wash out mouth with water. Give small quantities of water to drink.
UGL Drylok Liquid Etch Not Considered Hazardous per OSHA Standards	United Gilsonite Laboratories	Jobsite	Inhalation: Respiratory irritant. Remove to fresh air. Skin Contact: Skin irritant. Wash with soap and water. Eye Contact: Eye irritant. Flush with water for at least 15 minutes. Ingestion: Stomach or intestinal upset (nausea, vomiting, diarrhea). Do NOT induce vomiting or administer emetics. Contact poison control.
Unitex Pro-Poxy 300 Epoxy	Unitex	Jobsite	 Inhalation: Irritation to nose, throat, lungs with cough, difficulty breathing, Headaches, dizziness, and damage to lungs. Remove to fresh air. Skin Contact: Skin irritant. Redness and itching. Immediately wash with plenty of soap and water Eye Contact: Serious irritant, redness and pain. Flush with tepid running water for 15 minutes, lifting lids. Ingestion: May cause severe damage to mouth, throat, and stomach. Vomiting, dizziness and diarrhea. Wash out mouth with water. Do NOT induce vomiting unless directed to by medical personnel. Get medical attention immediately.
WR Grace Daraccel	WR Grace & Co Conn	Jobsite	 Inhalation: Respiratory irritant. Remove to fresh air. Skin Contact: Skin irritant. Redness and itching. Immediately wash with plenty of soap and water Eye Contact: Serious irritant, redness and pain. Flush with tepid running water for 15 minutes, lifting lids. Ingestion: Vomiting, dizziness and diarrhea. Wash out mouth with water. Do NOT induce vomiting unless directed to by medical personnel. Get medical attention immediately.

Chemical Name	Manufacturer	Location Used	First Alert Symptoms and Aid
WR Grace Daracem 55	WR Grace & Co. – Conn	Jobsite	 Inhalation: Respiratory irritant. Remove to fresh air. Skin Contact: Skin irritant. Redness and itching. Immediately wash with plenty of soap and water Eye Contact: Serious irritant, redness and pain. Flush with tepid running water for 15 minutes, lifting lids. Ingestion: Vomiting, dizziness and diarrhea. Wash out mouth with water. Do NOT induce vomiting unless directed to by medical personnel. Get medical attention immediately.
WR Grace Daratard 17 Not Considered Hazardous per OSHA Standards	WR Grace & Co. – Conn	Jobsite	Inhalation: Respiratory irritant. Remove to fresh air. Skin Contact: Skin irritant. Immediately wash with plenty of soap and water Eye Contact: Eye irritant. Flush with tepid running water for 15 minutes, lifting lids. Ingestion: Vomiting, dizziness and diarrhea. Wash out mouth with water. Do NOT induce vomiting unless directed to by medical personnel. Get medical attention immediately.
WR Grace Darex II AEA	WR Grace & Co. – Conn	Jobsite	 Inhalation: Respiratory irritant. Remove to fresh air. Skin Contact: Skin irritant. Redness and itching. Immediately wash with plenty of soap and water Eye Contact: Serious irritant, redness and pain. Flush with tepid running water for 15 minutes, lifting lids. Ingestion: Vomiting, dizziness and diarrhea. Wash out mouth with water. Do NOT induce vomiting unless directed to by medical personnel. Get medical attention immediately.
WR Grace Polarset	WR Grace & Co. – Conn	Jobsite	 Inhalation: Respiratory irritant. Remove to fresh air. Skin Contact: Skin irritant. Redness and itching. Immediately wash with plenty of soap and water Eye Contact: Serious irritant, redness and pain. Flush with tepid running water for 15 minutes, lifting lids. Ingestion: Vomiting, dizziness and diarrhea. Wash out mouth with water. Do NOT induce vomiting unless directed to by medical personnel. Get medical attention immediately.
WR Grace Recover	WR Grace & Co. – Conn	Jobsite	Inhalation: Respiratory irritant. Remove to fresh air. Skin Contact: Skin irritant. Redness and itching. Immediately wash with plenty of soap and water Eye Contact: Serious irritant, redness and pain. Flush with tepid running water for 15 minutes, lifting lids. Ingestion: Vomiting, dizziness and diarrhea. Wash out mouth with water. Do NOT induce vomiting unless directed to by medical personnel. Get medical attention immediately.

Chemical Name	Manufacturer	Location Used	First Alert Symptoms and Aid
WR Meadows 1100 Clear Curing Compound	WR Meadows Inc.	Jobsite	 Inhalation: Respiratory irritant. Runny nose, cough, shortness of breath, and reduced lung function. Remove to fresh air. Skin Contact: Skin irritant. Redness, rash and swelling. Immediately wash with plenty of soap and water Eye Contact: Serious irritant, redness, tearing, swelling and pain. Flush with tepid running water for 15 minutes, lifting lids. Ingestion: Sore Throat, Vomiting, dizziness and diarrhea. Wash out mouth with water. Do NOT induce vomiting unless directed to by medical personnel. If vomiting spontaneously occurs, keep victims head low to help prevent lung aspiration. Get medical attention immediately.
WR Meadows 1600 Curing Compound	WR Meadows Inc.	Jobsite	 Inhalation: Respiratory irritant. Runny nose, cough, shortness of breath, and reduced lung function. Remove to fresh air. Skin Contact: Skin irritant. Redness, rash and swelling. Immediately wash with plenty of soap and water Eye Contact: Serious irritant, redness, tearing, swelling and pain. Flush with tepid running water for 15 minutes, lifting lids. Ingestion: Sore Throat, Vomiting, dizziness and diarrhea. Wash out mouth with water. Do NOT induce vomiting unless directed to by medical personnel. If vomiting spontaneously occurs, keep victims head low to help prevent lung aspiration. Get medical attention immediately.
WR Meadows Fiber Expansion Not Considered Hazardous per OSHA Standards	WR Meadows Inc.	Jobsite	 Inhalation: Not expected to be an exposure route. Remove to fresh air. Skin Contact: Slight irritant – redness and swelling. Wash with soap and water. Eye Contact: Mild irritant – tearing, reddening, swelling. Flush with water for 15 minutes. Ingestion: Not expected to be an exposure route. If ingested irritation of the gastrointestinal tract may occur including nausea, vomiting and abdominal discomfort and should be treated symptomatically.
WR Meadows Form Oil	WR Meadows Inc.	Jobsite	 Inhalation: Not expected to be an exposure route. Respiratory irritation may include running nose, sore throat, coughing, chest discomfort and shortness of breath. Remove to fresh air. Skin Contact: Slight irritant – redness and swelling. Wash with soap and water. Eye Contact: Mild irritant – tearing, reddening, swelling. Flush with water for 15 minutes. Ingestion: Not expected to be an exposure route. Dilute with water. Do NOT induce vomiting. If vomiting spontaneously occurs, keep victims head low to help prevent lung aspiration. Get medical attention immediately. If ingested irritation of the gastrointestinal tract may occur including nausea, vomiting and abdominal discomfort and should be treated symptomatically.

Chemical Name	Manufacturer	Location Used	First Alert Symptoms and Aid
Zecol Power Blast		Shop	Inhalation: Respiratory irritant. Headache, drowsiness, dizziness, disorientation and
Windshield Washer Fluid			fatigue. Remove to fresh air.
			Skin Contact: Mild irritant. Redness. Wash with mild soap and water.
			Eye Contact: Mild irritant -redness. Rinse cautiously with water for several minutes,
			lifting lids.
			Ingestion : If ingested irritation of the gastrointestinal tract may occur including nausea, vomiting and abdominal discomfort and should be treated symptomatically. Wash out mouth with water. Do NOT induce vomiting or give anything by mouth. Aspiration
			hazard. If vomiting occurs keep head low so that vomit does not enter the lungs. Contact Poison Control.