Current Issue Date: September 2016

SECTION I – MATERIAL IDENTIFICATION AND USE

Trade Name: NEXCEM
Manufacturer’s Name: Nexcem Inc.
Address: 57 Arthur Street
          Mitchell, Ontario, Canada
          N0K 1N0
Material Name: Wood Concrete
Material Use: Construction materials
Chemical Name: Not applicable
Chemical Family: Light weight precast Portland cement product
Chemical Formula: Cement bonded wood particle material

SECTION II – HAZARDOUS INGREDIENTS OF MATERIAL

Durisol is a mixture of inert wood aggregate, Portland cement, water and cement additives.

Hazardous Ingredients
Portland cement (CAS 65997-15-1) 20 – 30 % by volume

SECTION III – PHYSICAL DATA FOR MATERIAL

Physical State: Solid
Appearance: Grey porous surface
Odour Threshold: None
Specific Gravity: 0.5 – 0.8
Vapour Pressure: Not applicable
Evaporation Rate: Not applicable
Boiling Point: Not applicable
Freezing Point: 0 Degrees Celsius

SECTION IV – FIRE AND EXPLOSION HAZARD OF MATERIAL

Non-combustible
SECTION V – REACTIVITY DATA
Not applicable

SECTION VI – TOXICOLOGICAL PROPERTIES OF MATERIAL
Sawing or other demolition techniques may result in exposure to dust and larger particles containing ingredients of Portland cement which, when in contact with water, produce calcium hydroxide with an alkalinity level of pH 12 to pH 13. This level of alkalinity can cause skin and eye irritation.

Effects of Chronic Exposure:
Cement dust can cause inflammation of the tissue lining, the interior of the nose and the cornea (white) of the eye. Hyper-sensitive people may develop allergic dermatitis.

Portland cement is not known to constitute a carcinogenic, reproductive, teratogenic, or mutagenic hazards.

SECTION VII – PREVENTATIVE MEASURES

Personal Equipment: When sawing or using other demolition methods, wear safety glasses and a dust mask.

Engineering Controls: Provide ventilation when sawing or using other demolition techniques to maintain low dust concentrations.

Waste Disposal: At approved landfill or waste disposal sites in accordance with local regulations.

Handling Procedures & Equipment: As above

Storage Requirements: Not applicable

Shipping Information: Not applicable

SECTION VIII – FIRST AID MEASURES
Wash exposed areas of the skin with soap and water; Irrigate eyes with water

SECTION IX – PREPARATION DATE OF MSDS
Prepared by: John deGraauw
Telephone: (519) 348-4900

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