

Surecoat WPM

Waterproofing Membrane

SAFETY DATA SHEET

EFFECTIVE DATE: April 22, 2019

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Surecoat WPM
CHEMICAL NAME/SYNONYM: Waterproofing Membrane

MANUFACTURER: InCide® Technologies, Inc.
ADDRESS: 50 N 41st Ave
Phoenix, AZ 85009

EMERGENCY PHONE: (602) 233-0756
CHEMTREC PHONE: (800) 424-9300

RECOMMENDED USE: Waterproofing Membrane

SECTION 2: HAZARDS IDENTIFICATION

HAZARD OVERVIEW:

OSHA HAZARD CLASSIFICATION: Carcinogenicity Category 1B
Specific Target Organ Toxicity – Repeated Category 1 (lungs)

OSHA HAZARD PICTOGRAM:



SIGNAL WORD: Danger

HAZARD STATEMENTS:

May cause cancer.
May cause damage to lungs through prolonged and repeated inhalation exposure.

PRECAUTIONARY STATEMENTS:

Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Do not eat, drink or smoke when using this product.
Do not breathe dust.
Wear protective gloves/ protective clothing/eye protection/face protection (see section 8).
If inhaled: Remove person to fresh air and keep comfortable for breathing. Get medical advice/attention.

Wash thoroughly after handling. Take off contaminated clothing and wash it before reuse.

Store locked up in a well-ventilated place. Keep container tightly closed.
Dispose of contents/container in accordance with local/regional/national/international regulations (see section 13).

OTHER HAZARDS WHICH DO NOT RESULT IN CLASSIFICATION: None.

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SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

<u>INGREDIENT</u>	<u>CAS NO.</u>	<u>% WT</u>	<u>SARA 313 REPORTABLE</u>
SBR Latex	NA	85.3%	No
Calcium carbonate	1317-65-3	13.4%	No
Quartz	14808-60-7	<0.1%	No
Distillates (petroleum), hydrotreated heavy naphthenic	64742-52-5	0.6-0.7	No
Metallic ester	NA	0.1-0.2	No

Balance of ingredients are present at <1% and/or are not classified as health hazards.

SECTION 4: FIRST AID MEASURES

EYES: Immediately flush eyes with plenty of water for at least 15 minutes. Seek medical attention if irritation develops.

SKIN: Wash affected area thoroughly with soap and water. Remove contaminated cloths and launder before reuse.

INGESTION: Do not induce vomiting. Seek medical attention.

INHALATION: Remove to fresh air. Seek medical attention.

SECTION 5: FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA: Water spray, dry chemical, or alcohol foam extinguishing media.

SPECIAL FIRE FIGHTING PROCEDURES: Not applicable.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None. The product is not flammable, combustible, or explosive.

SECTION 6: ACCIDENTAL RELEASE MEASURES

GENERAL: Use suitable absorbent material. Care should be taken to keep spilled products out of sewers, streams, and water systems.

LAND SPILL: Place in containers for disposal in accordance with applicable local regulations. Avoid contamination of water bodies during clean up and disposal. Use personal protective equipment to clean up spills.

WATER SPILL: No specific instruction. Care should be taken to keep spilled products out of sewers, streams, and water systems.

SECTION 7: HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING: Good housekeeping procedures should be followed to avoid spills. Do not eat, drink, or smoke in work areas. Wash hands after use. Remove contaminated clothing and protective equipment before entering eating areas.

CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES: Atmospheric temperatures and pressures do not affect the shelf life of this product. Avoid temperatures below 5 °C and above 60 °C

Storage temperature:	Ambient
Storage pressure:	Atmospheric
Special sensitivity:	None

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

There are no Occupational Exposure Guidelines for the the SBR Latex which constitutes the dispersive base. There are guidelines for particulate forms of several ingredients (i.e., calcium carbonate, but these are not applicable under expected use.

OSHA PEL-TWA: NA

ACGIH TLV-TWA-OEL: NA

Cal OSHA PEL-TWA: NA

ENGINEERING CONTROLS AND VENTILATION: Use local exhaust ventilation to keep airborne concentrations below permissible exposure limits.

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RESPIRATORY PROTECTION: If personal exposure cannot be controlled below applicable limits by ventilation, wear a properly fitted organic vapor/particulate respirator approved by NIOSH for protection.

EYE PROTECTION: Wear eye protection (e.g., safety goggles) to reduce the potential for eye contact.

SKIN PROTECTION: Prevent prolonged or repeated contact by using rubber gloves and appropriate protective clothing.

SECTION 8 NOTES: PEL: Permissible Exposure Limit, TLV: Threshold Limit Value, TWA: Time Weighted Average

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Liquid, white

ODOR: Faint

ODOR THRESHOLD: Not applicable

pH AT AS SUPPLIED: 8.4

MELTING POINT/ FREEZING POINT: 0°C

BOILING POINT AND BOILING RANGE: 100°C

FLASH POINT: Not applicable

EVAPORATION RATE: Not applicable

FLAMMABILITY: Non-flammable

UPPER/LOWER FLAMMABILITY OR EXPLOSIVE LIMITS: Not applicable: non-flammable

VAPOR PRESSURE: 23.4 hPa at 20°C

VAPOR DENSITY: Not applicable

RELATIVE DENSITY: 1.01 g/cm³

SOLUBILITY IN WATER: Soluble

SPECIFIC GRAVITY: Unknown

PARTITION COEFFICIENT; n-octanol/water: Unknown

AUTO-IGNITION TEMPERATURE: Not applicable

DECOMPOSITION TEMPERATURE: Not applicable

VISCOSITY: 110 KU

EXPLOSIVE PROPERTIES: Not explosive

OXIDISING PROPERTIES: Not oxidizing

MOLECULAR WEIGHT: Not applicable: product is a mixture

VOC CONTENT: Unknown

SECTION 10: STABILITY AND REACTIVITY

REACTIVITY: None known.

STABILITY: The product is stable and does not change under normal storage conditions.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: None formed spontaneously. After long periods of storage, small quantities of carbon monoxide and carbon dioxide may be formed.

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SECTION 11: TOXICOLOGICAL INFORMATION

ROUTES OF EXPOSURE: Inhalation of aerosols and dermal exposure are the most significant routes of exposure in occupational and other settings. Incidental ingestion may occur. Personal protective equipment and good hygiene can reduce these exposures significantly.

SYMPTOMS RELATED TO THE PHYSICAL, AND CHEMICAL AND TOXICOLOGICAL CHARACTERISTICS: Mechanical irritation may occur with skin or eye contact.

DELAYED AND IMMEDIATE EFFECTS AS WELL AS CHRONIC EFFECTS FROM SHORT AND LONG-TERM EXPOSURE: Hypersensitive individuals may develop allergic dermatitis. Quartz (crystalline silica) in excess of 2% may pose a risk for silicosis, a lung disease. This product contains less than <0.1% of silica. Prolonged and repeated inhalation of respirable crystalline silica-containing dust in excess of appropriate exposure limits has been associated with silicosis. Symptoms of silicosis may include, but are not limited to, the following: shortness of breath; difficulty breathing with or without exertion; coughing; diminished work capacity; diminished chest expansion; reduction of lung volume; right heart enlargement and/or failure. Smoking may increase the risk of developing lung disorders, including emphysema and lung cancer. Not all individuals with silicosis will exhibit symptoms (signs) of the disease. However, silicosis can be progressive, and symptoms can appear at any time, even years after exposure has ceased. Persons with silicosis have an increased risk of pulmonary tuberculosis infection. Several studies of persons with silicosis also indicate an increased risk of developing lung cancer, a risk that increases with the duration of exposure. Some of these studies of silicosis do not account for lung cancer confounders, especially smoking.

ACUTE HEALTH HAZARDS

SBR Latex:

- Oral LD₅₀ (rat) : >2,000 mg/kg of body weight
- Dermal LD₅₀ (rabbit) : >5,000 mg/kg of body weight
- Inhalation LC₅₀ (rat) : >5.0 mg/L
- Dermal irritation/corrosivity (rabbit): Nonirritating
- Eye Irritation (rabbit): Nonirritating

Petroleum Distillates:

- Oral LD₅₀ (rat) : >2,000 mg/kg of body weight
- Dermal LD₅₀ (rabbit): No information found.
- Inhalation LC₅₀ (rat) : No information found.
- Dermal irritation/corrosivity: Nonirritating.
- Eye irritation: Nonirritating

CHRONIC HEALTH HAZARDS: Crystalline silica can cause a lung condition known as silicosis after long term exposure to dusts containing crystalline silica. Exposure of workers to crystalline silica containing dusts is specifically regulated by OSHA. The use of a correctly fitted, NIOSH approved respirator suitable for use against crystalline silica inhalation is essential for minimizing exposure to this danger.

REPRODUCTIVE EFFECTS: No reproductive effects from any of the the ingredients were found in the literature.

CARCINOGENICITY: With the exception of quartz, none of the ingredients are listed as a known or suspected carcinogen by OSHA, ACGIH, NTP, or IARC. Quartz (silica) is listed as a human carcinogen by OSHA, ACGIH, and IARC. Other ingredients present at less than 0.1% have not been reported to be carcinogenic. Respirable crystalline silica is classified as carcinogenic (Group 1) by IARC. NTP lists respirable crystalline silica as a "known human carcinogen." ACGIH lists respirable crystalline silica as a suspected human carcinogen (A-2). These classifications are based on sufficient evidence of carcinogenicity in certain experimental animals and on selected epidemiological studies of workers exposed to crystalline silica.

SECTION 12: ECOLOGICAL INFORMATION

ECOTOXICITY: SBR Latex: The LC₅₀ in *Brachydanio rerio* (Zebrafish) is >100 mg/L for 96 hrs.
EC50 in *Daphnia magna* (water flea) is >100 mg/L for 48 hrs.
EC50 in *Scenedesmus subspicatus* (green algae) is >100 mg/L for 48 hrs

PHYTOTOXICITY: No information found.

PERSISTENCE AND DEGRADABILITY: Biodegradation is not expected.

BIOACCUMULATIVE POTENTIAL: Bioaccumulation is no expected.

MOBILITY IN SOIL: No information available.

OTHER EFFECTS: None.

SECTION 13: DISPOSAL CONSIDERATIONS

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WASTE DISPOSAL METHOD: This product must be disposed of in accordance with applicable local, state and federal regulations. Where possible, it is best to use up any excess material.

RCRA HAZARD CLASS: The product is not listed under any section of the Federal Resource Conservation and Recovery Act (RCRA).

CALIFORNIA HAZARDOUS WASTE DESIGNATION California identifies substances with acute oral, acute dermal, or acute inhalation LD₅₀s less than 2,500, 4,300, or 10,000 mg/kg, respectively as "hazardous wastes." The product is therefore a "hazardous waste" if spilled in California due to an LD₅₀ that was not tested up to 2,500 mg/kg, and should be handled in accordance with applicable state regulations. Refer to Regulatory Information for additional information.

SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION: The product is not a US Department of Transportation (DOT) Hazardous Material or Hazardous Substance.

OTHER AGENCIES: The product has no UN Number and is not regulated under international rail, highway, water, or air transport regulations.

SECTION 15: REGULATORY INFORMATION

TSCA: All components of this product are listed, or are exempt from listing on the TSCA inventory.

RCRA: The product is not listed as a hazardous waste under any sections of the Resource Conservation and Recovery Act or regulations (40) CFR 261 et seq.).

SUPERFUND: CERCLA/SARA. The product is not listed under CERCLA (the Comprehensive Environmental Response Compensation and Liability Act) or its 1986 amendments, SARA, (the Superfund Amendments and Reauthorization Act), including substances listed under Section 313 of SARA, Toxic Chemicals, 42 USC 11023, 40 CFR 372.65; Section 302 of SARA, Extremely Hazardous Substances, 42 USC 11002, 40 CFR 355; or the CERCLA Hazardous Substances list, 42 USC 9604, 40 CFR 302.

SAFE DRINKING WATER ACT: No ingredients are regulated under the SDWA, 42 USC 300g-1, 40 CFR 141 et seq. Clean Water Act (Federal Water Pollution Control Act): 33 USC 1251 et seq.

OSHA/CAL OSHA: This SDS document meets the requirements of both OSHA (29 CFR 1910.1200) and Cal OSHA (Title 8 CCR 5194(g)) hazard communication standards. Refer to Exposure Control/Personal Protection for regulatory exposure limits.

IARC: The International Agency for Research on Cancer lists silica dust as a Group 1 carcinogen.

NTP ANNUAL REPORT ON CARCINOGENS: Crystalline silica dust is listed as known human carcinogen.

CALIFORNIA PROPOSITION 65: The following chemicals are present in this coating product in small amounts. These chemicals are listed by the California EPA as materials known to the State of California to cause cancer, (and/or) birth defects, (and/or) other reproductive harm.

<u>Chemical Name</u>	<u>CAS Number</u>
4-Vinylcyclohexene	100-40-3

SECTION 16: OTHER INFORMATION

OTHER INFORMATION: This SDS was finalized on April 22, 2019 and is compliant with OSHA HCS/HazCom 2012 Final Rule.

DISCLAIMER: Information presented herein has been compiled from sources considered dependable and is accurate and reliable to the best of our knowledge and belief, but it is not guaranteed to be so. Nothing herein is to be construed as recommending any practice or any product in violation of any law or regulation. It is the user's responsibility to determine the suitability of any material for a specific purpose and adopt necessary safety precautions. We make no warranty as to results to be obtained in using any material and, since conditions or use are not under our control, we must necessarily disclaim all liability with respect to use of any material supplied by us.