

Safety Data Sheet
Pond-X Part "A"

SECTION 1: Identification

Product identifier

Product name	Pond-X Part "A"
Product number	7899204A
Brand	ARC

Recommended use of the chemical and restrictions on use

As part of the Pond-X system for leveling ponding areas. ****THIS PRODUCT DOES NOT HAVE THE DRY FILLER****

Supplier's details

Name	Ace Roof Coatings, Inc.
Address	4821 Grisham Drive Rowlett, TX 75088 United States

Telephone	972-864-0240
Fax	469-366-9219
email	info@arcroofcoat.com

Emergency phone number(s)	INFOTRAC - 800-535-5053 OUTSIDE UNITED STATES CALL COLLECT 1-352-323-3500
----------------------------------	--

SECTION 2: Hazard identification

Classification of the substance or mixture

- Acute toxicity (chapter 3.1), Cat. 4

GHS label elements, including precautionary statements

Pictogram



Hazard statement(s)

H302	Harmful if swallowed
------	----------------------

Other hazards which do not result in classification

Not Applicable.

SECTION 3: Composition/information on ingredients

Mixtures

Hazardous components

1. Component 1 (trade secret)

Safety Data Sheet

Pond-X Part "A"

Concentration 45 - 65 % (Weight)

2. Component 2 (trade secret)

Concentration < 1 % (Weight)

3. Component 3 (trade secret)

Concentration < 1 % (Weight)

4. Component 4 (trade secret)

Concentration 15 % (Weight)

- Acute toxicity (chapter 3.1), Cat. 4
H302 Harmful if swallowed

5. Non-Hazardous Components

Concentration 15 - 40 % (Weight)

Trade secret statement (OSHA 1910.1200(i))

Specific chemical identity and exact percentage (concentration) of composition has been withheld as a trade secret.

SECTION 4: First-aid measures

Description of necessary first-aid measures

General advice May cause toxic effects if inhaled or absorbed through skin. Inhalation or contact with material may irritate or burn skin and eyes. Fire will produce irritating, corrosive and/or toxic gases. Vapor may cause dizziness or suffocation. Runoff from fire control or dilution water may cause pollution.

If inhaled If breathing difficulty is experienced, move to a fresh air place. Drink water to clear throat and blow nose to remove irritant. If difficulty persists, seek medical attention.

In case of skin contact If material is hot, cool and allow medical personnel to remove clothing. If material is not hot, remove and isolate contaminated clothing and shoes at the site. Immediately flush skin with running water for at least 20 minutes. Wash skin with soap and water.

In case of eye contact Do not rub or scratch eyes. Bathe eye immediately with a large amount of water for at least 20 minutes. Seek medical attention immediately.

If swallowed This product is not intended to be ingested. Do not induce vomiting. In case of ingestion seek medical attention immediately.

Personal protective equipment for first-aid responders
No data available.

Most important symptoms/effects, acute and delayed

Exposure to dust may aggravate pre-existing upper respiratory and lung diseases or conditions.

Indication of immediate medical attention and special treatment needed, if necessary

No data available.

SECTION 5: Fire-fighting measures

Suitable extinguishing media

Foam, CO₂, dry chemical or water spray

Special protective actions for fire-fighters

Safety Data Sheet

Pond-X Part "A"

Use water to keep fire-exposed containers cool. Wear self-contained breathing apparatus (SCBA) and full protective clothing.

Further information

This product contains water. If the water is removed; the semi-solid state will burn, but will not support combustion.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

Do not handle without proper protective equipment.

Environmental precautions

Pick up large pieces of material. Vacuum dusts. If sweeping is necessary, use a dust suppressant such as water. Do not dry sweep dust accumulation. These procedures will help to minimize potential exposures.

Methods and materials for containment and cleaning up

Comply with and dispose of as specified by the U.S. Environmental Protection Agency (EPA) under Resource Conservation and Recovery Act (RCRA) regulations. Comply with state and local regulations for disposal. If you are unsure of the regulations, contact the local Public Health Department, or the local office of the EPA.

SECTION 7: Handling and storage

Precautions for safe handling

Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Do not touch or walk through spilled material. Stop leak if you can do it without risk. Dike far ahead of liquid spill for later disposal. Absorb or cover with dry earth, sand or other non-combustible material and transfer to container.

Conditions for safe storage, including any incompatibilities

Keep away from heat, sparks or open flame.

SECTION 8: Exposure controls/personal protection

Control parameters

1. Silica, crystalline quartz, respirable dust (CAS: 14808-60-7)

PEL (Inhalation): See Annotated Z-3 ppm (OSHA)

OSHA Annotated Table Z-1, www.osha.gov

2. Silica, crystalline quartz, respirable dust (CAS: 14808-60-7)

PEL (Inhalation): See Annotated Z-3 mg/m³ (OSHA)

OSHA Annotated Table Z-1, www.osha.gov

3. Silica, crystalline quartz, respirable dust (CAS: 14808-60-7)

PEL (Inhalation): See Annotated Z-3 (Cal/OSHA)

OSHA Annotated Table Z-1, www.osha.gov

4. Silica, crystalline quartz, respirable dust (CAS: 14808-60-7)

REL (Inhalation): See Annotated Z-3 (NIOSH)

OSHA Annotated Table Z-1, www.osha.gov

Appropriate engineering controls

Read all product instructions before using. Personal protective equipment should include safety eye wear, fire resistant gloves, and long sleeve work clothes to prevent excessive skin contact. No special ventilation systems are required under normal conditions of use in well ventilated areas.

Individual protection measures, such as personal protective equipment (PPE)

Eye/face protection

Safety Data Sheet

Pond-X Part "A"

Tightly fitting safety goggles. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection

Handle with gloves. Gloves must be inspected prior to use. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Body protection

Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place., The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection

Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Thermal hazards

Trace amounts of polynuclear aromatic hydrocarbons (PAHs) may be present in some asphalts and can be generated upon excessive heating, which results in thermal cracking of the asphalt compounds. Some of these PAHs have been identified as having potential carcinogenic and reproductive health effects.

Environmental exposure controls

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance/form	Black/Brown Viscous Liquid
Odor	Asphaltic Odor
Odor threshold	No data available.
pH	N/A
Melting point/freezing point	No data available.
Initial boiling point and boiling range	313°-572°F
Flash point	over 450°F
Evaporation rate	No data available.
Flammability (solid, gas)	No data available.
Upper/lower explosive limits	N/A
Vapor pressure	23.7 mm Hg
Vapor density	0.62
Relative density	No data available.
Solubility(ies)	Water
Partition coefficient: n-octanol/water	No data available.
Auto-ignition temperature	No data available.
Decomposition temperature	No data available.
Viscosity	500 - 1,000 cps

SECTION 10: Stability and reactivity

Chemical stability

This product is a stable material. This product is not reactive.

Possibility of hazardous reactions

This product will react with strong oxidizing agents, reducing agents, strong acids and alkalis.

Safety Data Sheet

Pond-X Part "A"

Hazardous decomposition products

Oxides of carbon (carbon monoxide, carbon dioxide, carbon particles, and hydrocarbons) are derived from burning.

SECTION 11: Toxicological information

Information on toxicological effects

Skin corrosion/irritation

Irritating to skin.

Serious eye damage/irritation

Causes eye irritation.

Respiratory or skin sensitization

No data available

Carcinogenicity

This product contains petroleum asphalt which is a suspected carcinogen with experimental carcinogenic and tumorigenic data. A moderate irritant. May contain carcinogenic components.

Summary of evaluation of the CMR properties

Asphalt: The International Agency for Research on Cancer (I) has stated that studies of workers exposed to asphalt provide inadequate evidence of carcinogenicity. I had previously classified asphalt as a Group 3 substance. Animal studies in which high concentrations of asphalt fumes were breathed for extended periods of time did not indicate any cancer effects. Bronchitis and pneumonitis were observed. Two studies where condensed fractions of certain asphalt fume condensates collected for these studies were repeatedly applied to the skin of laboratory animals reported the induction of skin cancers. The asphalt fume condensates collected for these studies were subjected to extremely high temperatures (601°F/316°C) and were heated for seven to ten hours while being continually stirred. This is not typical of any asphalt application. Trace amounts of polynuclear aromatic hydrocarbons (PAHs) may be present in some asphalts and can be generated upon excessive heating, which results in thermal cracking of the asphalt compounds. Some of these PAHs have been identified as having potential carcinogenic and reproductive health effects.

STOT-repeated exposure

Asphalt: The International Agency for Research on Cancer (I) has stated that studies of workers exposed to asphalt provide inadequate evidence of carcinogenicity. I had previously classified asphalt as a Group 3 substance. Animal studies in which high concentrations of asphalt fumes were breathed for extended periods of time did not indicate any cancer effects. Bronchitis and pneumonitis were observed. Two studies where condensed fractions of certain asphalt fume condensates collected for these studies were repeatedly applied to the skin of laboratory animals reported the induction of skin cancers. The asphalt fume condensates collected for these studies were subjected to extremely high temperatures (601°F/316°C) and were heated for seven to ten hours while being continually stirred. This is not typical of any asphalt application. Trace amounts of polynuclear aromatic hydrocarbons (PAHs) may be present in some asphalts and can be generated upon excessive heating, which results in thermal cracking of the asphalt compounds. Some of these PAHs have been identified as having potential carcinogenic and reproductive health effects.

SECTION 12: Ecological information

Toxicity

Not Established

SECTION 13: Disposal considerations

Safety Data Sheet

Pond-X Part "A"

Disposal of the product

Comply with and dispose of as specified by the U.S. Environmental Protection Agency (EPA) under Resource Conservation and Recovery Act (RCRA) regulations. Comply with state and local regulations for disposal. If you are unsure of the regulations, contact the local Public Health Department, or the local office of the EPA.

Disposal of contaminated packaging

Comply with and dispose of as specified by the U.S. Environmental Protection Agency (EPA) under Resource Conservation and Recovery Act (RCRA) regulations. Comply with state and local regulations for disposal. If you are unsure of the regulations, contact the local Public Health Department, or the local office of the EPA.

Sewage disposal

Do not allow to enter drains.

SECTION 14: Transport information

DOT (US)

Not dangerous goods

SECTION 15: Regulatory information

Safety, health and environmental regulations specific for the product in question

New Jersey Right To Know Components

Common name: ASPHALT

CAS number: 8052-42-4

Pennsylvania Right To Know Components

Chemical name: Asphalt

CAS number: 8052-42-4

Pennsylvania Right To Know Components

Chemical name: Silica

CAS number: 7631-86-9

New Jersey Right To Know Components

Common name: SILICA, QUARTZ

CAS number: 14808-60-7

Pennsylvania Right To Know Components

Chemical name: Quartz

CAS number: 14808-60-7

California Prop. 65 components

Chemical name: Silica, crystalline (airborne particles of respirable size)

CAS number: 14808-60-7

10/01/1988 - cancer

Massachusetts Right To Know Components

Chemical name: Ethylene glycol

CAS number: 107-21-1

New Jersey Right To Know Components

Common name: ETHYLENE GLYCOL

CAS number: 107-21-1

Pennsylvania Right To Know Components

Chemical name: 1,2-Ethanediol

CAS number: 107-21-1

SARA 311/312 Hazards

Safety Data Sheet

Pond-X Part "A"

Immediate: yes
Chronic: yes
Fire: yes
Sudden Release of Pressure: no
Reactive: no

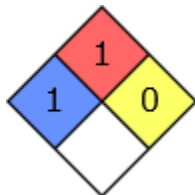
Chemical Safety Assessment

There is no regulation on this product as a whole.

HMIS Rating

Pond-X Part "A"	
HEALTH	1
FLAMMABILITY	1
PHYSICAL HAZARD	0
PERSONAL PROTECTION	

NFPA Rating



SECTION 16: Other information

CHANGES SINCE PREVIOUS SDS: GHS formatting changes.

Further information/disclaimer

This information relates to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of our knowledge and belief, accurate and reliable as of the date compiled. However, no representation, warranty or guarantee, expressed or implied, is made as to its accuracy, reliability, or completeness. It is the user's responsibility to satisfy himself as to the suitability and completeness of such information for his particular use. We do not accept liability for any loss or damage that may occur from the use of this information. Nothing herein shall be construed as a recommendation for uses which infringe valid patents or as extending a license of valid patents.

Preparation information

Emily Mendel
05/28/2015

Safety Data Sheet
Pond-X Part "B"

SECTION 1: Identification

Product identifier

Product name	Pond-X Part "B"
Product number	7899204B
Brand	ARC

Recommended use of the chemical and restrictions on use

As part of the Pond-X system for leveling ponding areas. ****THIS PRODUCT DOES NOT HAVE THE LIQUID COMPONENT****

Supplier's details

Name	Ace Roof Coatings, Inc.
Address	4821 Grisham Drive Rowlett, TX 75088 United States

Telephone	972-864-0240
Fax	469-366-9219
email	info@arcroofcoat.com

Emergency phone number(s)	INFOTRAC - 800-535-5053 OUTSIDE UNITED STATES CALL COLLECT 1-352-323-3500
----------------------------------	---

SECTION 2: Hazard identification

General hazard statement

Quartz content below limits of 0.1%

Classification of the substance or mixture

Not a hazardous substance or mixture.

GHS label elements, including precautionary statements

Not a hazardous substance or mixture.

Other hazards which do not result in classification

Not a hazardous substance or mixture.

Safety Data Sheet

Pond-X Part "B"

SECTION 3: Composition/information on ingredients

Substances

Hazardous components

1. Component 1 (trade secret)

Concentration > 90 %

Trade secret statement (OSHA 1910.1200(i))

Specific chemical identity and exact percentage (concentration) of composition has been withheld as a trade secret.

SECTION 4: First-aid measures

Description of necessary first-aid measures

If inhaled	Dust irritates the respiratory system, and may cause coughing and difficulties in breathing. Move injured person into fresh air and keep person calm under observation. Get medical attention if symptoms persist.
In case of skin contact	Wash skin with soap and water. Rinse with plenty of water. Get medical attention if irritation develops and persists.
In case of eye contact	Do not rub or scratch eyes. Bathe eye immediately with a large amount of water for at least 20 minutes. Seek medical attention if irritation occurs.
If swallowed	Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

Personal protective equipment for first-aid responders

Ensure medical personnel are aware of the material(s) involved.

Most important symptoms/effects, acute and delayed

Exposure to dust may aggravate pre-existing upper respiratory and lung diseases or conditions.

Indication of immediate medical attention and special treatment needed, if necessary

Provide general supportive measures and treat symptomatically.

SECTION 5: Fire-fighting measures

Suitable extinguishing media

Use extinguishing media appropriate for surrounding fire.

Specific hazards arising from the chemical

Not a fire hazard

Special protective actions for fire-fighters

Follow the general precautions indicated in the workplace. Wear self-contained breathing apparatus (SCBA) and full protective clothing.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

For personal protection see section 8.

Safety Data Sheet

Pond-X Part “B”

Environmental precautions

Avoid discharge to drains, sewers, and other water systems.

Methods and materials for containment and cleaning up

Vacuum up the spilled material. Vacuums used for this purpose should be equipped with HEPA filters. If sweeping necessary, use a dust suppressant.

SECTION 7: Handling and storage

Precautions for safe handling

Minimize dust production when mixing or opening and closing bags. Avoid inhalation of dust. Wear appropriate personal equipment. Wash hands after handling. Observe good industrial hygiene practices and use appropriate lifting techniques.

Conditions for safe storage, including any incompatibilities

Store in a cool, dry, well-ventilated place.

SECTION 8: Exposure controls/personal protection

Appropriate engineering controls

Provide sufficient ventilation for operations causing dust formation. Observe occupational exposure limits and minimize the risk of exposure.

Individual protection measures, such as personal protective equipment (PPE)

Eye/face protection

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection

It is a good industrial hygiene practice to minimize skin contact. For prolonged or repeated skin contact use suitable protective gloves.

Body protection

Normal work clothing (long sleeved shirts and long pants) is recommended.

Respiratory protection

Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multipurpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Thermal hazards

None.

Environmental exposure controls

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

Safety Data Sheet

Pond-X Part "B"

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance/form	Off-white powder
Odor	No odor
Odor threshold	Not Applicable.
pH	7.2
Melting point/freezing point	Not Applicable.
Initial boiling point and boiling range	Not Applicable.
Flash point	Not Applicable.
Evaporation rate	Not Applicable.
Flammability (solid, gas)	Not Applicable.
Upper/lower flammability limits	Not Applicable.
Upper/lower explosive limits	Not Applicable.
Vapor pressure	Not Applicable.
Vapor density	Not Applicable.
Relative density	No data available.
Solubility(ies)	Negligible
Partition coefficient: n-octanol/water	Not Applicable.
Auto-ignition temperature	Not Applicable.
Decomposition temperature	2642 °F (1450 °C)
Viscosity	Not Applicable.
Explosive properties	
Oxidizing properties	

SECTION 10: Stability and reactivity

Reactivity

None under normal use conditions.

Chemical stability

Stable under normal conditions.

Possibility of hazardous reactions

None under normal use conditions.

Conditions to avoid

No special precautions.

Incompatible materials

Reacts with hydrofluoric acid: Soluble in HF

Hazardous decomposition products

May react with hydrofluoric acid to form toxic silicon tetra-flouride gas.

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity

Not expected to be a hazard under normal conditions of intended use.

Skin corrosion/irritation

Not applicable.

Safety Data Sheet

Pond-X Part "B"

Serious eye damage/irritation

Direct contact with airborne particulates may cause temporary eye irritation.

Respiratory or skin sensitization

Not expected to cause respiratory sensitization based on non-skin sensitization history. Not a skin sensitizer.

Carcinogenicity

This product is not classified as a carcinogen by IARC, ACGIH, NTP, or OSHA.

Summary of evaluation of the CMR properties

Not expected to be a hazard.

Aspiration hazard

Due to the physical form of the product it is not an aspiration hazard.

Additional information

Inhalation of high levels of any nuisance dust over long periods of time may cause lungs to be more vulnerable to pneumoconiosis (lung disease).

SECTION 12: Ecological information

Toxicity

The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Persistence and degradability

Not applicable

Bioaccumulative potential

Not expected.

Mobility in soil

No data available.

SECTION 13: Disposal considerations

Disposal of the product

Bury as non-toxic waste in an approved landfill in accordance with all federal, state, and local regulations.

Disposal of contaminated packaging

Not applicable.

Waste treatment

Not applicable.

Sewage disposal

Do not allow to enter drains.

SECTION 14: Transport information

DOT (US)

Not dangerous goods

IMDG

Not dangerous goods

Safety Data Sheet

Pond-X Part "B"

IATA

Not dangerous goods

SECTION 15: Regulatory information

Safety, health and environmental regulations specific for the product in question

Not regulated

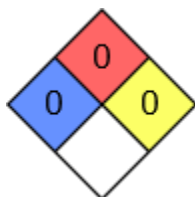
Chemical Safety Assessment

There is no regulation on this product as a whole.

HMIS Rating

Pond-X Part "B"	
HEALTH	0
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	X

NFPA Rating



SECTION 16: Other information

CHANGES SINCE PREVIOUS SDS: GHS formatting changes.

Further information/disclaimer

This information relates to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of our knowledge and belief, accurate and reliable as of the date compiled. However, no representation, warranty or guarantee, expressed or implied, is made as to its accuracy, reliability, or completeness. It is the user's responsibility to satisfy himself as to the suitability and completeness of such information for his particular use. We do not accept liability for any loss or damage that may occur from the use of this information. Nothing herein shall be construed as a recommendation for uses which infringe valid patents or as extending a license of valid patents.

Preparation information

Emily Mendel
05/28/2015