

CASE NO. 886-S-17
SUPPLEMENTAL MEMORANDUM #1
January 18, 2018

Brookens Administrative Center
1776 E. Washington Street
Urbana, Illinois 61802

(217) 384-3708
zoningdept@co.champaign.il.us
www.co.champaign.il.us/zoning

Petitioners: Dave Kirby and Michael Kobel, Point of Contact, Champaign County Fair Association

Request: Authorize the expansion of Special Use Permit 836-S-16 for the Champaign County Fairgrounds and Parking Lot in the CR Conservation Recreation Zoning District to allow the construction and use of a BMX track on the Fairgrounds.

Location: A tract of land in the Northwest Quarter of Section 8, Township 19 North, Range 9 East of the Third Principal Meridian in Urbana Township and commonly known as the Champaign County Fairgrounds with an address of 1302 North Coler Avenue, Urbana.

Site Area: Approximately 1 acre on the 53.79 acres Fairgrounds

Time Schedule for Development: As soon as possible

Prepared by: **Susan Burgstrom**
Senior Planner

John Hall
Zoning Administrator

STATUS

On January 8, 2018, Susan Burgstrom received an email from Chris Marx, Planner for the City of Urbana, in which he states, "I have been in touch with Urbana Parks District and Public Works. Both departments seem to be in touch with the BMX track proposal. From Community Development, our main concern is the presence of noise. We would be interested in seeing language included in the SUP that prohibited motorized competitions on the track."

On January 11, 2018, Susan received an email from Derek Liebert of Urbana Park District requesting information on project status and review time for the documents sent out in Preliminary Memo #1 dated January 4, 2018.

On January 11, 2018, Susan Burgstrom requested additional site plan details from Mr. Kirby and updates from CCFA and Urbana Park District.

On January 11, 2018, Susan received a second email with attachments from Derek Liebert of Urbana Park District.

- Mr. Liebert indicated, "Urbana Park District feels that provided that Illini BMX can address the remaining items below that relate to site drainage/lake water quality and the screening conditions of the permit, the UPD would provide comment in support of this special use permit."
 - The items he refers to are listed in the January 11, 2018, email from Susan Burgstrom.
 - More details regarding site drainage, lake water quality, and screening can also be found under Item 8.B.(4)b. in the Summary of Evidence dated December 14, 2017.

- Special Condition G requires water quality monitoring in Crystal Lake Park that may be attributed to storm water runoff from the BMX track.
- Special Condition H requires a vegetative screen between the BMX track and Crystal Lake Park.

- He referred to the attached “7171 Plan 3” and stated, “We have confirmed with Berns Clancy and Associates that no additional engineering drawings/records about the storm sewer that drains the proposed course other than the single line shown on the attached 7171Plan are known and that only two storm inlets are known to drain the immediate vicinity of the proposed BMX tracks as depicted in Illini BMX’s revised site plan.”

- Regarding vegetative screening, Mr. Liebert stated, “We also worked with Dave Kirby towards the possibility of getting technical assistance from Jonathon Manual at CCSW to address special condition G/drainage concerns and Bruce Stickers at Pheasants Forever to address special condition H/native grass planting screen. Dave would like to discuss what is needed with Susan and discuss what Jonathon and Bruce might provide before moving forward. The UPD has offered to help facilitate with this planning.”

- Regarding dust control, Mr. Liebert referred to the attached Soiltac Safety Data Sheet and stated, “The SDS sheet for the proposed Soiltac product that may be considered for dust control is attached. It appears to have negligible aquatic toxicity when applied at labeled rates and would be suitable for use if the BMX/fairgrounds would desire to use it as a dust control measure.

On January 12, 2018, Susan Burgstrom received a phone call from Mike Kobel, point of contact for the Champaign County Fair Association for the project. He said he had spoken with Mr. Kirby, who was trying to get an idea of what still needs to be done. Ms. Burgstrom suggested that both the ZBA and Urbana Park District would need more details on proposed vegetative screening, with the ZBA needing such detail amended onto the Site Plan. Mr. Kobel indicated that he would communicate with Mr. Kirby.

PROPOSED SPECIAL CONDITIONS

Proposed condition I was added since the Preliminary Packet was distributed on January 4, 2018.

- A. **BMX track events shall be scheduled such that adequate parking is available on the Fairgrounds site.**

The special condition stated above is required to ensure the following:

That the Fairgrounds provides sufficient parking capacity for all uses.

- B. **No overnight camping shall be allowed on the Fairgrounds related to BMX track events.**

The special condition stated above is required to ensure the following:

That the Fairgrounds are secure after BMX track events.

- C. **Use of the BMX track must be supervised at all times. Adequate security shall be provided, including enclosing the BMX track in a minimum 6 feet tall security fence with locked gates.**

The special condition stated above is required to ensure the following:

That the use prioritizes public health, safety and general welfare.

- D. **Use of the BMX track shall be limited to daytime hours and no artificial lighting shall be used.**

The special condition stated above is required to ensure the following:

That lighting specifications for the Special Use are reflected on the approved Site Plan and are in accordance with Section 6.1.2 of the Zoning Ordinance.

- E. **The Zoning Administrator may require that the petitioner control fugitive dust if a complaint is received stemming from activities related to the BMX track site.**

The special condition stated above is to ensure the following:

That the Special Use takes the public health, safety and general welfare into consideration.

- F. **Sound amplification shall be minimized and used only as absolutely necessary during use of the BMX track.**

The special condition stated above is required to ensure the following:

That nearby park users are not disrupted by excessive noise.

- G. **Storm water runoff from the BMX track shall not pose any significant risk to water quality in Crystal Lake and engineering documentation shall be provided and monitoring shall be undertaken to verify the quality of storm water runoff entering the storm drain system.**

The special condition stated above is required to ensure the following:

That the development conforms to all relevant ordinances.

- H. **A buffer of native vegetation shall be provided between the BMX track and Crystal Lake Park. The plantings for the vegetative buffer shall be as approved in the Special Use Permit and a man-made screen shall be maintained as necessary to provide screening while the native vegetative buffer is getting established. The man-made screen shall be as approved in the Special Use Permit.**

The special condition stated above is required to ensure the following:

That Fairgrounds uses continue to be compatible with Crystal Lake Park.

- I. **No motorized vehicles shall be allowed to use the BMX track, and a sign stating this shall be posted on the security fence surrounding the track.**

The special condition stated above is required to ensure the following:

That noise from BMX track use is minimized.

ATTACHMENTS

- A Email from Chris Marx, City of Urbana, received January 8, 2018
- B 1st email 1 from Derek Liebert received January 11, 2018
- C Email sent by Susan Burgstrom on January 11, 2018 to Dave Kirby, Mike Kobel, Brad Bennett, Chris Marx, Tim Bartlett, and Derek Liebert requesting an update
- D 2nd email from Derek Liebert received January 11, 2018, with attachments:
 - 7171 Plan 3 Watershed Map created September 23, 2015
 - Soiltac Safety Data Sheet revised May 12, 2015

Susan Burgstrom

From: Marx Christopher <cdmarx@urbanaininois.us>
Sent: Monday, January 08, 2018 2:43 PM
To: Susan Burgstrom
Subject: BMX Track comments by Urbana CD

Susan,

I have been in touch with Urbana Parks District and Public Works. Both departments seem to be in touch with the BMX track proposal. From Community Development, our main concern is the presence of noise. We would be interested in seeing language included in the SUP that prohibited motorized competitions on the track.

Keep in touch if you have any questions or feedback.

Thanks,
Chris

Christopher Marx, AICP, Planner I
City of Urbana - Department of Community Development Services
400 South Vine Street
Urbana, Illinois 61801
(217) 384-2440
cdmarx@urbanaininois.us

RECEIVED

JAN 08 2018

CHAMPAIGN CO. P & Z DEPARTMENT

Susan Burgstrom

From: Liebert, Derek <daliebert@UrbanaParks.Org>
Sent: Thursday, January 11, 2018 7:36 AM
To: Susan Burgstrom; Kobel, Michael E; Bennett, Brad; Bartlett, Timothy; Marx Christopher
Subject: RE: BMX hearing at ZBA tomorrow night

Thanks Susan,

What is the intent of this evening's meeting? I am unsure if there has been any advancement of the project since we met in late November.

Please note that the follow up meeting to our 11/29/17 meeting referenced below did not take place—Illini BMX had to cancel. Rather, Illini BMX and CCFG met the following weekend.

It was our understanding that Illini BMX/CCFG needed to submit several documents for review. The Urbana Park District would like to have the opportunity to review these items. We would prefer to wait to comment until the necessary site plans, drainage plans, screening plans, erosion/dust plans etc can be provided for our review.

Thanks,
Derek

RECEIVED

JAN 11 2018

CHAMPAIGN CO. P & Z DEPARTMENT

Susan Burgstrom

From: Susan Burgstrom
Sent: Thursday, January 11, 2018 10:52 AM
To: bmxmedic911@gmail.com
Cc: Mike Kobel; Bennett, Brad; Marx Christopher; Bartlett, Timothy; 'Liebert, Derek'
Subject: RE: BMX zoning case - more information needed

Dave,

Could you please provide an update on progress made since our 11/30 meeting? I understand that you met with Mike Kobel about a week after that to discuss the project, but I have not heard anything new.

Referring to the packet for your zoning case that is available on our website, http://www.co.champaign.il.us/CountyBoard/meetings_ZBA.php, certain decisions will need to be made. Please comment or submit information on the following as soon as possible so that your responses can be considered at the next ZBA meeting.

- Proposed special condition G would involve some resources – if this condition would be acceptable to you, how do you propose to achieve it?
- Proposed special condition H requires a vegetative screen between the track and Crystal Lake Park. The park district and ZBA will need to know what type of vegetation you propose and have a design drawn out showing how it would look so that can be reviewed.
- Is there anything new regarding drainage improvements related to the track?
- Liability insurance for the track?

The ZBA will likely have other questions at the hearing.

I look forward to hearing from you.

Thanks,
Susan

From: Liebert, Derek [mailto:daliebert@UrbanaParks.Org]
Sent: Thursday, January 11, 2018 7:36 AM
To: Susan Burgstrom <sburgstrom@co.champaign.il.us>; bmxmedic911@gmail.com
Cc: Mike Kobel <m-kobel@illinois.edu>; Bennett, Brad <bmbennett@urbanaininois.us>; Marx Christopher <cdmarx@urbanaininois.us>; Bartlett, Timothy <tabartlett@UrbanaParks.Org>
Subject: RE: BMX zoning case - more information needed

Hello all,
Have the materials below been submitted?
Thanks,
Derek

From: Susan Burgstrom [mailto:sburgstrom@co.champaign.il.us]
Sent: Tuesday, December 05, 2017 1:07 PM
To: [bmxmedic911@gmail.com](mailto:bxmedic911@gmail.com)
Cc: Mike Kobel; Liebert, Derek
Subject: BMX zoning case - more information needed

Hi Dave,

We still need some information on the BMX track site plan. **Please submit a revised site plan which adds the following information no later than December 31, 2017.** If this information will not be available by that date, we may need to reschedule the January 11th hearing, or the ZBA might consider dismissing the case, which would result in having to pay the application fee over again if you decide to pursue this in the future. I would be happy to meet with you to discuss these items.

1. The outermost perimeter of the track site must be 50 feet from the south and east Fairgrounds fences. If this cannot be achieved, we will request a waiver from this requirement as part of the Special Use Permit case. Please indicate the distance between the track site and the east and south fences.
2. Revise the site plan to include an outward 1:3 slope from the top of the berms for safety reasons – i.e. a 9 feet tall berm will slope 27 feet outward from its top. These outer slopes can be within the 50 feet required yards from the south and east Fairgrounds fences.
3. Outline or make a note of the pit area on the site plan.
4. Make a note on the site plan showing where spectators and others will be allowed during race events.
5. Indicate fencing with as much dimensional accuracy as possible on all 4 sides of the track perimeter.
6. Provide measurements of all 4 sides of the perimeter, including the outer slopes.
7. Provide exact locations of all 3 drains on the site plan.
8. Make a note of vegetative screening such as native grasses, trees, etc. on the east and south ends of the track area.
9. Update the site plan, if needed, with any specifics on drainage, (i.e. filters, rain gardens, natural barriers, etc.) based on your discussions with Urbana and Urbana Park District.

Thanks,
Susan

Susan Burgstrom, AICP
Senior Planner
Champaign County Department of Planning & Zoning
1776 East Washington Street
Urbana, IL 61802

P: 217-384-3708
F: 217-819-4021

Susan Burgstrom

From: Liebert, Derek <daliebert@UrbanaParks.Org>
Sent: Thursday, January 11, 2018 5:41 PM
To: Susan Burgstrom; bmxmedic911@gmail.com
Cc: Mike Kobel; Bennett, Brad; Marx Christopher; Bartlett, Timothy
Subject: RE: BMX zoning case - more information needed
Attachments: SST1507020_Soiltac_Safety_Data_Sheet.pdf; 7171Plan3.pdf; Att5 Revised Site Plan 123117.pdf

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JAN 12 2018

CHAMPAIGN CO. P & Z DEPARTMENT

Follow Up Flag: Follow up
Flag Status: Flagged

Hello all,

We have reviewed the provided special use permit documents today. I apologize we did not review them sooner—they were helpful in seeing what progress has been made towards the special use permit. Through discussions with Tim Bartlett, Dave Kirby and Susan Burgstrom, the Urbana Park District feels that provided that Illini BMX can address the remaining items below that relate to site drainage/lake water quality and the screening conditions of the permit, the UPD would provide comment in support this special use permit.

We have confirmed with BCA that no additional engineering drawings/records about the storm sewer that drains the proposed course other than the single line shown on the attached 7171Plan are known and that only two storm inlets are known to drain the immediate vicinity of the proposed BMX tracks as depicted in Illini BMX's revised site plan.

We also worked with Dave Kirby towards the possibility of getting technical assistance from Jonathon Manual at CCSW to address special condition G/drainage concerns and Bruce Stickers at Pheasants Forever to address special condition H/native grass planting screen. Dave would like to discuss what is needed with Susan and discuss what Jonathon and Bruce might provide before moving forward. The UPD has offered to help facilitate with this planning.

The SDS sheet for the proposed Soiltac product that may be considered for dust control is attached. It appears to have negligible aquatic toxicity when applied at labeled rates and would be suitable for use if the BMX/fairgrounds would desire to use it as a dust control measure.

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Cc: Mike Kobel <m-kobel@illinois.edu>; Bennett, Brad <bmbennett@urbanaininois.us>; Marx Christopher <cdmarx@urbanaininois.us>; Bartlett, Timothy <tabartlett@UrbanaParks.Org>
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Thanks,
Susan

Susan Burgstrom, AICP
Senior Planner
Champaign County Department of Planning & Zoning
1776 East Washington Street
Urbana, IL 61802

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F: 217-819-4021



800.545.5420 USA
001.480.545.5454 International
www.soilworks.com

7580 N Dobson Rd, Suite 320
Scottsdale, AZ 85256 USA
info@soilworks.com

SOILTAC® SAFETY DATA SHEET

SECTION 1 - IDENTIFICATION

PRODUCT NAME SOILTAC®
Soil Stabilizer & Dust Control Agent

CHEMICAL FAMILY Synthetic Copolymer Dispersion

MANUFACTURER Soilworks®, LLC - Soil Stabilization & Dust Control
7580 N Dobson Rd, Ste 320
Scottsdale, Arizona 85256 USA
(800) 545-5420 USA
+1 (480) 545-5454 International
info@soilworks.com
www.soilworks.com

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EMERGENCY PHONE NUMBERS (800) 545-5420 USA
+1 (480) 545-5454 International
CHAMPAIGN CO. P & Z DEPARTMENT

U.S. DATA UNIVERSAL NUMBERING SYSTEM (DUNS NUMBER)
Soilworks, LLC 131946159

U.S. DEPARTMENT OF DEFENSE COMMERCIAL AND GOVERNMENT ENTITY CODE (CAGE CODE)
Soilworks, LLC 3FTH5

U.S. DEPARTMENT OF DEFENSE NATIONAL STOCK NUMBERS (NSN)
275-gallon (1,041 Liter) Intermediate Bulk Container (IBC) Tote 6850-01-519-4708
55-gallon (208 Liter) Drum 6850-01-519-4706

U.S. GENERAL SERVICES ADMINISTRATION (GSA) CONTRACT
Soilworks, LLC GS-07F-5364P October 31, 2018

SYNONYMS/OTHER MEANS OF IDENTIFICATION
Soiltac is a formulated, high molecular weight, engineered, prime synthetic copolymer dispersion.

INTENDED USES
For industrial use only. Major industries include construction, mining, military, municipal, oil & gas, energy & renewable energy and transportation.

Abate dust, air quality control, control dust, controlling dust, desertification prevention, dune stabilization, dust abatement, dust control, dust control agent, dust control material, dust control product, dust elimination, dust inhibitor, dust mitigation, dust palliative, dust pollution control, dust pollution prevention, dust prevention, dust reduction, dust retardant, dust stabilization, dust stabilizer, dust suppressant, dust suppression, eliminate dust, erosion control, erosion control material, erosion control product, erosion prevention, fines preservation, fugitive dust control, hydromulch tackifier, hydroseed tackifier, inhibit dust, mitigate dust, pm10 control, pm2.5 control, prevent dust, reduce dust, retard dust, road stabilization, road stabilizer, sand stabilization, soil additive, soil amendment, soil binder, soil crusting agent, soil solidifier, soil stabilization, soil stabilizer, stabilize dust, stabilize soil, stockpile capping, stop dust, suppress dust, surface wear course, wind erosion control.



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SECTION 2 – HAZARDS IDENTIFICATION

Emergency Overview

Appearance:	Milky white liquid (transparent once cured)
Odor:	Sweet and mild (no odor once cured)
Health Hazards:	Under normal conditions of industrial use, this material is NOT expected to be a primary route of exposure
Safety Hazards:	Nonflammable
Environmental Hazards:	NOT classified as dangerous for the environment

HEALTH HAZARDS

INHALATION	Under normal conditions of industrial use, this material is NOT expected to be a primary route of exposure.
SKIN CONTACT	Under normal conditions of industrial use, this material is NOT expected to be a primary route of exposure.
EYE CONTACT	Under normal conditions of industrial use, this material is NOT expected to be a primary route of exposure.
INGESTION	Under normal conditions of industrial use, this material is NOT expected to be a primary route of exposure.

GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION AND LABELLING OF CHEMICALS (GHS)

Not a hazardous substance or mixture.

U.S. HAZARDOUS MATERIALS IDENTIFICATION SYSTEM (HMIS) RATING

Health	0	No significant risk to health
Flammability	0	Material will not burn
Physical Hazard	0	Stable, non-reactive and non-explosive
Personal Protection	-	No special hazard under normal use

SECTION 3 – COMPOSITION/ INFORMATION ON INGREDIENTS

This material does NOT contain hazardous ingredients and is NOT considered hazardous according to OSHA criteria.

#	COMPONENT	%	CAS Number
1.	Synthetic Vinyl Copolymer Dispersion	55%	Non-Hazardous
2.	Water	45%	7732-18-5

BYPRODUCT / RECYCLED CONTENT

None

SECTION 4 – FIRST-AID MEASURES

Provide medical care provider with this Safety Data Sheet.

EYE CONTACT

If irritation or redness develops from exposure, flush eyes with clean water at least 15 minutes. If irritation persists, seek medical attention.

SKIN CONTACT

No treatment necessary under normal conditions of use. Remove contaminated clothing. Wash affected area with mild soap and water. If irritation or redness develops and persists, seek medical attention.



Soil Stabilization & Dust Control

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INHALATION

No treatment necessary under normal conditions of use. If breathing difficulties develop move victim away from source of exposure and into fresh air in a position comfortable for breathing. If symptoms persist, seek medical attention.

INGESTION

If swallowed do not induce vomiting. If symptoms persist, seek medical attention.

SECTION 5 – FIRE-FIGHTING MEASURES

FLAMMABILITY

Nonflammable and NOT combustible.
This material is an aqueous mixture that will not burn.
Dried material will burn in a fire.

FLASH POINT

Nonflammable

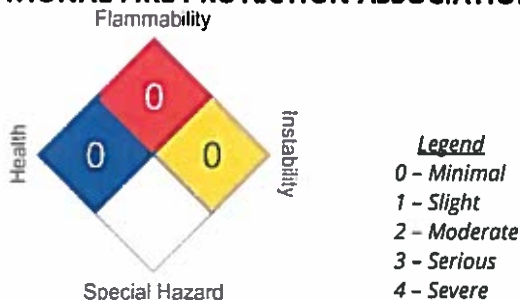
EXTINGUISHING MEDIA

Use water spray, foam, dry chemical or carbon dioxide.

SPECIAL FIRE FIGHTING PROCEDURES & PROTECTIVE EQUIPMENT

Cool closed containers exposed to fire with water spray. Proper protective equipment including breathing apparatus must be worn when approaching a fire in a confined space.

U.S. NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) 704 HAZARD CLASS



SECTION 6 – ACCIDENTAL RELEASE MEASURES

For guidance on selection of personal protective equipment see Chapter 8 of this Safety Data Sheet. See Chapter 13 for information on disposal. Observe the relevant local and international regulations.

PROTECTIVE MEASURES

Stop the leak, if possible. Avoid contact with skin and eyes. Use appropriate containment to avoid environmental contamination. Prevent from spreading or entering drains, ditches, sewers, rivers or open bodies of water by using sand, earth or other appropriate barriers.

CLEAN-UP METHODS

Avoid accidents, clean up immediately. Slippery when spilled. Prevent from spreading by making a barrier with sand, earth or other containment material. Reclaim liquid directly or in an absorbent. Soak up residue with an absorbent such as clay, sand or other suitable material and dispose of properly.



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ADDITIONAL ADVICE

Local authorities should be advised if significant spillages cannot be contained.

SECTION 7 - HANDLING AND STORAGE

GENERAL PRECAUTIONS

Use local exhaust ventilation if there is risk of inhalation of vapors, mists or aerosols. Use the information in this data sheet as input to a risk assessment of local circumstances to help determine appropriate controls for safe handling, storage and disposal of this material.

STORAGE

Keep container tightly closed in a cool, well-ventilated place. Use properly labelled and closeable containers. Maintain storage temperature ≥ 40 °F (4 °C) to avoid freezing and destabilization. Ideal storage temperature is 72 °F (22 °C).

HANDLING

Avoid breathing vapors or mist. Avoid contact with eyes. Avoid prolonged or repeated contact with skin. Wash thoroughly after handling. When handling material in drums, safety footwear should be worn and proper handling equipment should be used.

RECOMMENDED MATERIALS

For containers or container linings, use mild steel or high density polyethylene.

ADDITIONAL INFORMATION

Do not freeze.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

OCCUPATIONAL EXPOSURE LIMITS

Contains no substances with occupational exposure limit values.

EXPOSURE CONTROLS

The level of protection and types of controls necessary will vary depending upon potential exposure conditions. Select controls based on a risk assessment of local circumstances. Appropriate measures include: Adequate ventilation to control airborne concentrations. Where material is heated, sprayed or mist formed, there is greater potential for airborne concentrations to be generated.

PERSONAL PROTECTIVE EQUIPMENT

Personal protective equipment (PPE) should meet recommended national standards. Check with PPE suppliers.

RESPIRATORY PROTECTION

Respiratory protection is NOT required under normal conditions of use in a well-ventilated workplace. In accordance with good industrial hygiene practices, precautions should be taken to avoid breathing of material. If engineering controls do not maintain airborne concentrations to a level which is adequate to protect worker health, select respiratory protection equipment suitable for the specific conditions of use and meeting relevant legislation. Check with respiratory protective equipment suppliers. Where air-filtering respirators are suitable, select an appropriate combination of mask and filter. Select a filter suitable for combined particulate/organic gases and vapors.



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HAND PROTECTION

Where hand contact with the material may occur the use of gloves approved to relevant standards (e.g. Europe: EN374, US: F739) made from the following materials may provide suitable chemical protection: PVC, neoprene or nitrile rubber gloves. Suitability and durability of a glove is dependent on usage, e.g. frequency and duration of contact, chemical resistance of glove material, glove thickness, dexterity. Always seek advice from glove suppliers. Contaminated gloves should be replaced. Personal hygiene is a key element of effective hand care. Gloves must only be worn on clean hands. After using gloves, hands should be washed with soap and water and dried thoroughly.

EYE PROTECTION

Eye protection is NOT required under normal conditions of use. If material is handled such that it could be splashed into eyes, wear splash-proof safety goggles or full face shield.

PROTECTIVE CLOTHING

Skin protection is NOT required under normal conditions of use or for single, short duration exposures. For prolonged or repeated exposures, use impervious chemical resistant boots, gloves and/or aprons over parts of the body subject to exposure.

MONITORING METHODS

Monitoring of the concentration of substances in the breathing zone of workers or in the general workplace may be required to confirm compliance with an OEL and adequacy of exposure controls.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT	>212 °F (>100 °C)
COLOR	Milky white (transparent once cured)
DENSITY	8.85-9.15 lb./gal (1.06-1.1 kg/l)
DYNAMIC VISCOSITY	290 cP @ 140 °F (60 °C)
DYNAMIC VISCOSITY	420 cP @ 104 °F (40 °C)
EVAPORATION RATE	<1 (BuAc = 1)
FLASH POINT	Nonflammable
FREEZING POINT	<32 °F (<0 °C)
ODOR	Sweet and mild (no odor once cured)
PH	5
PHYSICAL FORM	Liquid
SPECIFIC GRAVITY	1.05-1.10
VAPOR DENSITY	>1 (Air = 1)
WATER SOLUBILITY	100% dispersible, completely (until cured)

SECTION 10- STABILITY AND REACTIVITY

CHEMICAL STABILITY

Stable. Coagulation may occur following freezing, thawing or boiling.

Stability at 72 °F (22 °C) is ≥12 months.

CONDITIONS TO AVOID

Freezing (until cured).



Soil Stabilization & Dust Control

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 001.480.545.5454 International
 www.soilworks.com

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 Scottsdale, AZ 85256 USA
 info@soilworks.com

HAZARDOUS REACTIONS

Hazardous polymerization does not occur.

HAZARDOUS DECOMPOSITION

Hazardous decomposition products are NOT expected to form during normal storage.

CORROSIVITY

Non-corrosive.

SECTION 11 - TOXICOLOGICAL INFORMATION

CARCINOGENICITY

Components ≥0.1% are NOT known to be associated with carcinogenic effects.

ACGIH	American Conference of Governmental Industrial Hygienists	Not listed as carcinogenic
IARC	World Health Organization International Agency for Research on Cancer	Not listed as carcinogenic
NTP	U.S. National Toxicology Program	Not listed as carcinogenic
OSHA	U.S. Occupational Safety and Health Administration	Not listed as carcinogenic
Prop 65	California Office of Environmental Health Hazard Assessment Proposition 65	Not listed as carcinogenic

REPRODUCTIVE AND DEVELOPMENTAL TOXICITY

NOT expected to be a hazard.

DIOXINS & FURANS (PCDD's / PCDF's)

None Detected – QC066-97, GC-MS

METALS

None Detected – EPA 6020 & 3050

POLYCHLORINATED BIPHENYL (PCBs) AROCLORS

None Detected – EPA 8082

POLYCYCLIC AROMATIC HYDROCARBONS (PAH's)

None Detected – EPA 3510, GC-MS

SEMI-VOLATILE ORGANIC COMPOUNDS (SVOC)

None Detected - EPA 8270, GC-MS

VOLATILE ORGANIC COMPOUNDS

None Detected – EPA 8260, GC-MS

SECTION 12 - ECOLOGICAL INFORMATION

Based on EPA guidelines, this material is classified as practically non-toxic to all species. When used and applied properly, this material is not known to pose any ecological problems.

AQUATIC TOXICITY

Bacterium	Allivibrio fischeri	15 minute	IC ₅₀	>6,200 mg/L
Fathead Minnow	Pimephales promelas	7 day	IC ₅₀	>95,000 mg/L
Fathead Minnow	Pimephales promelas	7 day	LC ₅₀	>240,000 mg/L
Fathead Minnow	Pimephales promelas	96 hour	LC ₅₀	>1,200 mg/L
Microalga	Pseudokirchneriella subcapitata	96 hour	IC ₅₀	>250,000 mg/L
Microalga	Pseudokirchneriella subcapitata	96 hour	LC ₅₀	>1,000 mg/L
Rainbow Trout	Oncorhynchus mykiss	96 hour	LC ₅₀	>1,000 mg/L
Water Flea	Daphnia magna	48 hour	LC ₅₀	>175,000 mg/L

TERRESTRIAL TOXICITY

Earthworm	Eisenia andrei	14 day	LC ₅₀	>1,000,000 mg/L
Lettuce	Root elongation	120 hour	EC ₅₀	>1,000,000 mg/L
Lettuce	Seed germination	120 hour	LC ₅₀	>1,000,000 mg/L



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OTHER ADVERSE EFFECTS

The material contains non-volatile components, which are NOT expected to be released to air in any significant quantities. The material is NOT expected to have ozone depletion potential, photochemical ozone creation potential or global warming potential.

SECTION 13 - DISPOSAL CONSIDERATIONS

MATERIAL DISPOSAL

Recover or recycle if possible. Do NOT dispose into the environment, in drains or in water courses. To the best of our knowledge, this material does not meet the definition of hazardous waste under the U.S. EPA Hazardous Waste Regulations 40 CFR 261. Solidify and dispose of in an approved landfill. It is the responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste classification and disposal methods in compliance with applicable regulations.

CONTAINER DISPOSAL

Dispose in accordance with prevailing regulations, preferably to a recognized collector or contractor. The competence of the collector or contractor should be established beforehand.

LOCAL LEGISLATION

Dispose in accordance with applicable regional, national and local laws and regulations.

SECTION 14 - TRANSPORT INFORMATION

NOT dangerous goods.

U.S. DEPARTMENT OF TRANSPORTATION (DOT)

NOT regulated. This material is NOT subject to DOT regulations under 49 CFR Parts 171-180.

INTERNATIONAL MARITIME DANGEROUS GOODS (IMDG)

NOT regulated. This material is NOT classified as dangerous under IMDG regulations.

INTERNATIONAL AIR TRANSPORT ASSOCIATION (IATA)

NOT regulated. This material is either NOT classified as dangerous under IATA regulations or needs to follow country specific requirements.

SECTION 15 - REGULATORY INFORMATION

The regulatory information is not intended to be comprehensive. Other regulations may apply to this material.

U.S. FEDERAL REGULATIONS

EPA COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT (CERCLA)

This material does NOT contain any chemicals with U.S. EPA CERCLA reportable quantities.

EPA SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT (SARA)

This material does NOT contain any chemicals with SARA reportable quantities.

EPA TOXIC SUBSTANCES CONTROL ACT (TSCA)

All components listed or in compliance with the inventory.



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EPA CERCLA/SARA SECTION 302 EXTREMELY HAZARDOUS SUBSTANCES AND TPQS

This material does NOT contain any chemicals subject to the reporting requirements of SARA 302 and 40 CFR 372.

EPA CERCLA/SARA SECTION 311/312 (TITLE III HAZARD CATEGORIES)

Acute Health: No
Chronic Health: No
Fire Hazard: No
Pressure Hazard: No
Reactive Hazard: No

EPA CERCLA/SARA SECTION 313 AND 40 CFR 372

This material does NOT contain any chemicals subject to the reporting requirements of SARA 313 and 40 CFR 372.

CLEAN AIR ACT (CAA)

This material does NOT contain any hazardous air pollutants (HAP, as defined by the CAA Section 12 (40 CFR 61).

U.S. STATE REGULATIONS

CALIFORNIA SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT (PROPOSITION 65)

This material does NOT contain any chemicals known to the State of California to cause cancer, birth defects or reproductive harm.

CANADIAN REGULATIONS

This material has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all the information required by the regulations.

CANADIAN DOMESTIC SUBSTANCES LIST (DSL)

All components listed or in compliance with the inventory.

WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHIMIS)

None. This material is NOT a controlled material under the Canadian WHIMIS.

BUREAU DE NORMALIZATION DU QUÉBEC (BNQ)

Soiltac conformed as a dust control agent for non-asphalted roads and other similar surfaces.

Certificate of Conformity: 2014-08-06 – 2015-06-30

Certificate #: 1743

Standard #: BNQ 2410-300/2009-10-01

Certification Protocol #: BNQ 2410-900/2010-01-12

INVENTORY REGULATIONS

Australia	AICS	All components listed or in compliance with the inventory.
Canada	DSL/NDSL	All components listed or in compliance with the inventory.
China	IECSC	All components listed or in compliance with the inventory.
Japan	ENCS	All components listed or in compliance with the inventory.
Korea	KECI	All components listed or in compliance with the inventory.
Philippines	PICCS	All components listed or in compliance with the inventory.
United States	TSCA	All components listed or in compliance with the inventory.



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INVENTORIES LEGEND

AICS	Australian Inventory of Chemical Substances
DSL	Canadian Domestic Substances List
ENCs	Japanese Existing and New Chemical Substances
IECSC	China Existing Chemical Inventory
KECI	Korea Existing Chemicals Inventory
NDSL	Canadian Non-Domestic Substances List
PICCS	Philippine Inventory of Chemicals and Chemical Substances
TSCA	Toxic Substances Control Act

SECTION 16 – OTHER INFORMATION

SDS VERSION NUMBER 1.1

SDS EFFECTIVE DATE 7/13/2015

SDS REGULATIONS

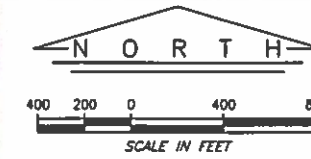
The content and format of this SDS is in accordance with the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

SDS DISTRIBUTION

The information in this document should be made available to all who may handle the material.

DISCLAIMER

The information presented in this Safety Data Sheet is based on data believed to be accurate as of the date this Safety Data Sheet was prepared. HOWEVER, NO WARRANTY OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, OR ANY OTHER WARRANTY IS EXPRESSED OR IS TO BE IMPLIED REGARDING THE ACCURACY OR COMPLETENESS OF THE INFORMATION PROVIDED ABOVE, THE RESULTS TO BE OBTAINED FROM THE USE OF THIS INFORMATION OR THE MATERIAL, THE SAFETY OF THIS MATERIAL, OR THE HAZARDS RELATED TO ITS USE. No responsibility is assumed for any damage or injury resulting from abnormal use or from any failure to adhere to recommended practices. The information provided above, and the material, are furnished on the condition that the person receiving them shall make their own determination as to the suitability of the material for their particular purpose and on the condition that they assume the risk of their use. In addition, no authorization is given nor implied to practice any patented invention without a license.



CONTOUR DATA CREATED FROM CHAMPAIGN COUNTY
 LIDAR ACQUIRED APRIL 2008
 PARCEL LINES FROM CHAMPAIGN COUNTY GIS
 DATA ACQUIRED NOVEMBER 28, 2013
 AERIAL PHOTOGRAPHY FROM CHAMPAIGN COUNTY
 ORTHOPHOTOGRAPHY DATED APRIL 2014

LEGEND

- APPROXIMATE WATERSHED BOUNDARIES
 - ① DIRECT CRYSTAL LAKE WATERSHED
APPROXIMATE AREA: 33.6 ACRES ±
 - ② 54 INCH DIAMETER STORM SEWER WATERSHED
APPROXIMATE AREA: 99.6 ACRES ±
 - ③ PARK STREET WATERSHED
APPROXIMATE AREA: 24.6 ACRES ±
 - ④ PARK/BROADWAY INTERSECTION WATERSHED
APPROXIMATE AREA: 1.4 ACRES ±
- TOTAL CRYSTAL LAKE WATERSHED: 159.2 ACRES ±

RECEIVED

JAN 12 2018

CHAMPAIGN CO. P & Z DEPARTMENT

J.U.L.L.E.
 NOTE: THE EXACT LOCATION OF ALL UTILITIES SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION ACTIVITIES FOR UTILITY LOCATIONS CALL J.U.L.L.E. (800) 892-0123
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 BERN, CLANCY AND ASSOCIATES, P.C.

DESIGNED:		REVISIONS
DRAFTED:	KRE	
CHECKED:	TBB/CB	
FILE:	7171PLAN.DWG	

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CRYSTAL LAKE
 REHABILITATION AND ACCESS
 MANAGEMENT PLAN
 URBANA PARK DISTRICT URBANA PARK DISTRICT

WATERSHED MAP

DATE:	092315
SHEET:	3 OF 3
JOB:	7171