

Schoolcraft Township Planning Commission Meeting

December 4, 2023

- 1. Call to Order
- 2. Pledge of Allegiance
- 3. Roll Call
- 4. Approval of agenda
- 5. Approval of minutes
 - a. Regular meeting of November 6, 2023
- 6. Public comment *
- 7. New business
 - a. Master Plan Update
 - b. Site Plan Review-TM Asphalt
- 8. Old business
- 9. Report from Township Board
- 10. Report from Zoning Board of Appeals
- 11. Adjournment

^{*} Public comment limited to 3 minutes

Schoolcraft Township Planning Commission

Minutes for: Monday, November 6, 2023

Commissioners:

Name	Present	Absent
Barry Visel (Chairman)	x	
David Aubry (Vice Chairman)	x	
Rich Bailey		х
Eric Jasiak	x	
Tamra Stafford	x	
Jim Jastifer	х	
Nathan Miersma	х	

Also present:

Name	Description
Don Ulsh	Township Supervisor
	Consultant, W.E. Upjohn
Brian Pittelko	Institute for Employment
	Research

Call to order

Chairman Visel opened the meeting at 6:00 pm.

Pledge of Allegiance

Approval of agenda

Commissioner Stafford moved to approve agenda, supported by Commissioner Aubry. Motion carried 6-0.

Approval of previous meeting minutes

Commissioner Jasiak motioned to approve the minutes of October 2, 2023 as presented. Motion was seconded by Commissioner Aubry. Motion carried 6-0.

Public comments / citizen time:

A citizen voiced concern over the ratio of non-conforming lakefront lots, highlighting the results of his personal research that almost no lakefront lots are 20,000 square feet or have 100' of frontage (minimum lot requirements per Article 20 of Schoolcraft Township zoning book). He stated that his research concluded that 106 of 240 properties with this zoning are lakefront properties, of which approximately 16% come close to zoning requirements by his estimations. As a result of their pre-existing condition as non-conforming properties, this results in approximately 45% of all property owners being required to pay \$2500 fees and submit any requests for changes to the Zoning Board of Appeals. The citizen stated that he doesn't believe this fee exists to be a source of income for the township. The same citizen highlighted that a "lake frontage zoning classification" appears to have existed for a period of time before being vacated as a result of planning commissions decisions in the past and requested that this topic be reconsidered for the reasons he outlined during the meeting.

Commissioner Visel and other planning commission members suggested that lakeside property should be a discussion topic for a future planning commission meeting, to specifically include zoning code considerations to reduce non-conforming properties and split-zone lots.

New business

1. Master Plan Update

Schoolcraft Township demographics and projections were reviewed, including the key takeaway that Schoolcraft Township has grown at a faster rate than the county. This growth rate is projected to continue for the next decade or beyond.

W.E. Upjohn institute representative Brian Pittelko highlighted that, based on our demographics today and evidence suggesting that citizens prefer to stay in Schoolcraft Township even as grow older, increased senior living options should be considered in order to allow residents to continue to live in the community if/after they cannot remain in their homes.

The planning commission reaffirmed the primary goals for the Master Plan, including reiterating that existing goals and policies remain well aligned with the future goals of the township as represented by township survey results and the planning commission members.

Large-format Current and Future Land Use will be prepared and available during the next Planning Commission meeting to facilitate master plan discussions.

Old business:			
None			

Report from the Township Board

Commissioner Stafford provided a summary report of township board activities:

- The historical society requested funds for the underground railroad house, and the Township Board approved a \$10,000 grant with additional funding to be considered in 2024.
- The board approved an IT contract, an intergovernmental agreement with Kalamazoo County
- Schoolcraft library appointed a new library board member
- Vicksburg rocket football will be holding events at Swan Park in future seasons
- The board continued their discussion of appropriate/desired use of ARPA funds
- A new electronic sign will be placed in front of the township office

Report from	the	Zoning	Board	of	Appea	ls
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None

Adjournment

Commissioner Visel adjourned the Planning Commission meeting at 6:53pm.

Respectfully submitted,

Nate Miersma

ZONING ADMINISTRATOR'S REPORT

ADDRESS: 12230 US 131 ID# 14-07-130-024

APPLICANT: KYLE HILLSBURG – KCH HOMES, LLC

8657 WEST YZ AVE, SCHOOLCRAFT MI 49087

PH: 269-808-5980

OWNER: TM ASPHALT SEALING

10574 PQ AVE, MATTAWAN MI 49071

PH: 269-823-3334

ZONING DISTRICT: US-131 CORRIDOR COMMERCIAL/INDUSTRIAL DISTRICT

REQUEST: TO CONSTRUCT OFFICE BUILDING AND CONTRACTOR YARD

W/STORAGE BUILDING.

SITE PLAN REVIEW:

1. The name and address of the applicant DEPICTED

- a. If corporation, the name, and address of the officers thereof.
- b. If a partnership, the names and addresses of each partner.
- 2. Legal description of the property ATTACHED
- 3. Drawings showing tentative plans DEPICTED
- 4. The date, north arrow, and scale; the scale shall not be less than one (1) inch equals twenty (20) feet for property under three (3) acres and at least (1) inch equals one hundred (100) feet for those three (3) acres or more DEPICTED
- 5. All lot and/or property lines are to be shown and dimensioned, including building set back lines **DEPICTED**
- 6. The location and height of all existing and proposed structures on and within one hundred (100) feet of the subject property. N/A OR WAIVER
- 7. The location and dimensions of all existing and proposed drives and aisles, sidewalks, curb openings, signs, exterior lighting, parking spaces, loading, and unloading areas, outdoor display and storage areas, and recreation areas, etc. DEPICTED
- 8. The location of the pavement and right-of-way width of all abutting roads, streets, or alleys.

 DEPICTED
- 9. The name and firm address of the professional individual responsible for the preparation of the site plan (including imprint of his professional seal, if any) **DEPICTED**
- 10. The name and address of the property owner or petitioner. DEPICTED
- 11. The locations of all rubbish receptacles and landscaping and the location, height and type of fences and walls N/A OR WAIVER
- 12. The size and location of existing and proposed utilities, including proposed connections to public sewer or water supply systems, if available. DEPICTED, ELECTRIC NOT DEPICTED
- 13. The locations of all fire hydrants. N/A OR WAIVER
- 14. (For mobile home parks) The lot size, setbacks, trailer pads, patios, and complete park layout.
- 15. The locations and dimension of all existing proposed interior and exterior areas and structures (including above or below ground storage tanks) to be used for the collection, storage, use, loading/unloading, recycling, or disposal of any chemicals, fuels, flammable materials, contaminated stormwater, or wash water or hazardous materials. N/A WAIVER
- 16. The locations of all existing and proposed floor drains. N/A WAIVER

- 17. The location and size of all existing and proposed exterior drains, drywells, catch basins, retention/detention areas, sumps and other facilities designed to collect, store or transport storm water, including the point of discharges for all associated drains and pipes. DEPICTED
- 18. Property survey by registered surveyor. WAIVER
- 19. The existing and proposed contour shall be shown on all site plans. (Two (2) foot intervals, minimum) NOT DEPICTED
- 20. The locations of all lakes, streams, wetlands, county drains, and other waterways abutting or within one hundred (100) feet of the subject property. N/A OR WAIVER
- 21. The front, side, and rear elevations for all new buildings on the property. Also, with respect to site plans involving multiple-family dwelling, either floor plans for all such buildings or information that is otherwise sufficient to show compliance with applicable minimum gross floor area per swelling unit square footage requirements (Complete floor plans are optional with respect to other types of developments subject to site plan review, but may be required by the Planning Commission where deemed necessary to properly evaluate compliance with the criteria for site plan approval.) DEPICTED
- 22. A description of the operation proposed in sufficient detail to indicate the effects of those operations in producing traffic congestion, noise, glare, air pollution, water pollution, land pollution, fire or safety hazards, or the emission of all potentially harmful or obnoxious matter radiation. NOT DEPICTED
- 23. Engineering and architectural plans for the treatment and disposal of sewage and industrial waste tailings and unusable by-products. NOT DEPICTED
- 24. The proposed number of shifts to be worked and the maximum number of employees on each shift. DEPICTED IN APPLICATION
- 25. Any other information deemed necessary by the Planning Commission.

ZONING ADMINISTRATOR COMMENTS:

THE NEW CONSTRUCTION APPEARS TO MEET AND/OR EXCEED ALL SETBACK REQUIREMENTS, DOES NOT EXCEED HEIGHT AND LOT COVERAGE MAXIMUMS.

PARKING DEPICTED, HOWEVER NOT THE AMOUNT OF PARKING SPACES PER ARTICLE 26.

LIGHTING NOT DEPICTED.

SIGNAGE NOT DEPICTED.

11/30/2023

DAT



Equalization Department Property Summary Details

/ Equalization Department / Property Summary Details of Parcel Search

Data is ONLY updated annually. Last updated June 27, 2923.

For current information contact local assessor - Refer to List of Assessors page

Tax information contact Treasurer (269-384-8124)

Recorded documents contact Register of Deeds (269-383-8970)

Property Summary

Parcel:

14-07-130-024

Property Class:

201 - Commercial

Gov. Unit:

14 - SCHOOLCRAFT

Previous Class:

201 - Commercial

TV

School:

39160 - Schoolcraft

Community

Property Address:

12230 S US 131

HWY

SCHOOLCRAFT, MI

49087

Owner's Name:

TM ASPHALT SEALING, LLC

Owners Mailing Address:

10574 PQ AVE

MATTAWAN, MI 49071

Physical Property Characteristics

2023 S.E.V.:

82.500

Taxable:

82,500

2022 S.E.V.:

120,100

Taxable:

36,105

PRE:

0%

Acreage:

11.02

Legal Description:

SEC 7-4-11 BEG ON N & S 1/4 LI 1134.04 FT S OF N 1/4 POST TH S

ALG SD 1/4 LI 162.71 FT TH W PAR N LI 570 FT TH S 155 FT TH W

631.72 FT TH N 627.71 FT TH E TO A PT 570 W OF SD 1/4 LI TH S 310

FT TH E 570 FT TO BEG EXC E 70 FT THEREOF** SPLIT ON 02/12/2011 FROM 14-07-130-025;

Data is ONLY updated annually. Last updated June 27, 2023.

For current information contact local assessor - Refer to List of Assessors page Tax information contact Treasurer (269-384-8124)

Recorded documents contact Register of Deeds (269-383-8970)

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Zoning Administrator:_

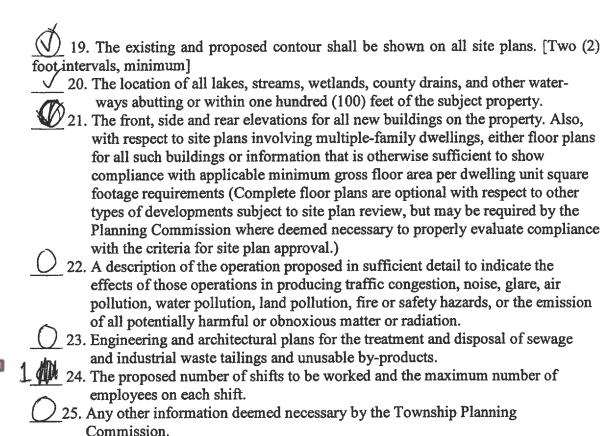
Site Plan Review Application

1. Applicant Kyle HillSturg - KCH Homes, LLC Phone (269) 808-5980
2. Applicant Address 8657 West YZ Ave Schoolcoast MI 49087
3. Project Location 12230 US 131 HYW School Conf. 1 MI 49087
4. Legal Description Pascel JD 14-07-130-024
5. Zoning DistrictParcel Size!1. OZ acres 6. What are you proposing to build? TM asphalt sealing construction storage you 7. What will it be used for? Truck / equitment storage - office space
Applicant Signature Date 11-3-23
(For Township use only) Date Application Received 1 22/23 Fee Paid \$ 350 Ck#

Formal Site Plan Review Checklist (Required)

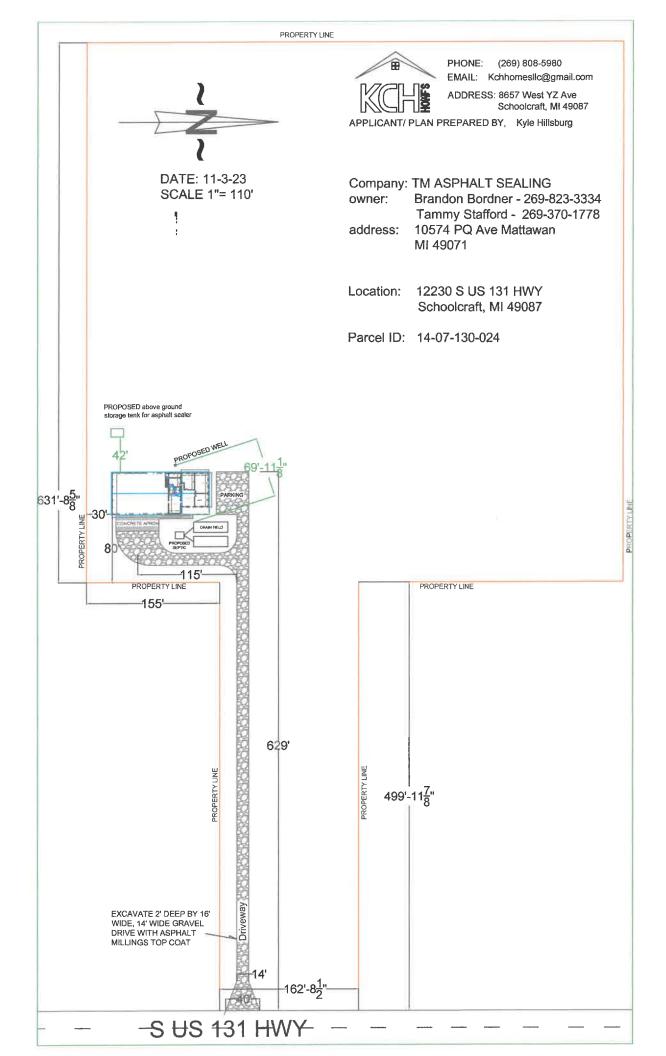
All formal site plan review applications shall include all of the following (unless clearly not applicable or officially waived by the Planning Commission.):

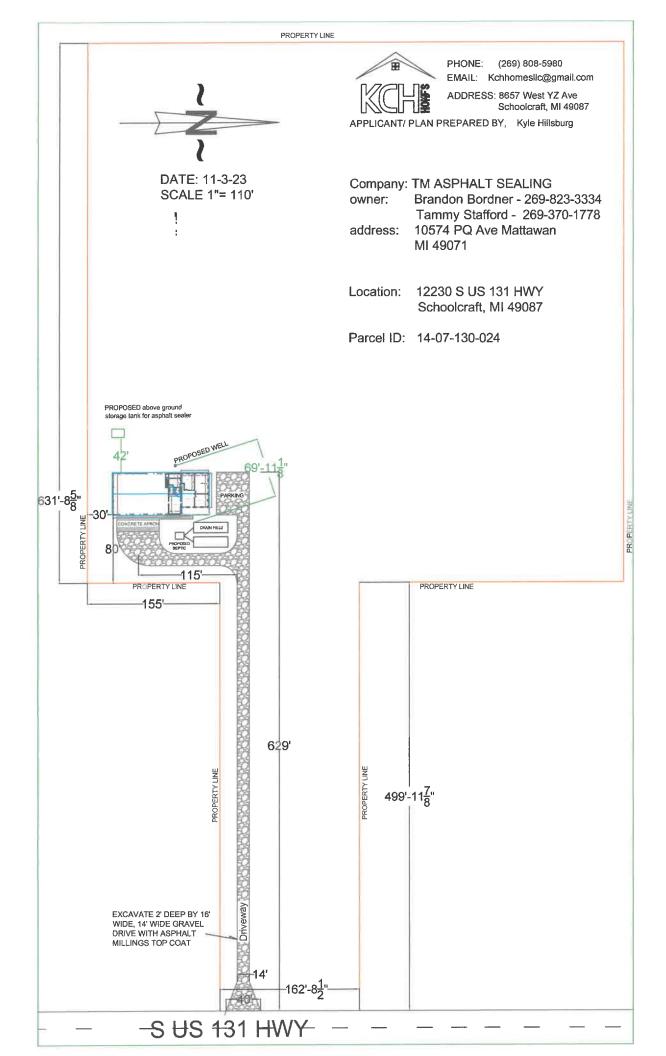
✓ 1. The name and address of the applicant
If corporation, the name and address of the officers thereof.
If a partnership, the names and addresses of each partner.
2. Legal description of the property
3. Drawings showing tentative plans
4. The date, north arrow and scale; the scale shall not be less than one (1) inch
equals twenty (20) feet for property under three (3) acres and at least one (1) inch equals one hundred (100) feet for those three (3) acres or more
5. All lot and/or property lines are to be shown and dimensioned, including building
/ set back lines
6. The location and height of all existing and proposed structures on and within one
hundred (100) feet of the subject property.
√ 7. The location and dimensions off all existing and proposed drives and aisles,
sidewalks, curb openings, signs, exterior lighting, parking spaces, loading and
unloading areas, outdoor display and storage areas, and recreation areas, etc.
8. The location of the pavement and right-of-way width of all abutting roads,
streets or alleys.
9. The name and firm address of the professional individual responsible for the preparation of the site plan (including imprint of his professional seal, if any)
10. The name and address of the property owner or petitioner.
11. The locations of all rubbish receptacles and landscaping and the location, height
and type of fences and walls.
12. The size and location of existing and proposed utilities, including proposed
connections to public sewer or water supply systems, if available.
√ 13. The location of all fire hydrants.
14. (For mobile home parks) The lot size, setbacks, trailer pads, patios, and
complete park layout.
15. The location and dimensions of all existing proposed interior and exterior areas
and structures (including above or below ground storage tanks) to be used for the collection, storage, use, loading/unloading, recycling, or disposal of any
chemicals, fuels, flammable materials, contaminated stormwater or washwater,
or hazardous materials.
16. The location of all existing and proposed floor drains.
17. The location and size of all existing and proposed exterior drains,
drywells, catch basins, retention/detention areas, sumps and other facilities
designed to collect, store or transport storm water, including the point of
discharges for all associated drains and pipes.
18. Property survey by registered surveyor.



The Planning Commission may waive any of the above enumerated required items of content for a final site plan if the Commission determines the item of content either does not apply to the proposed use, or is otherwise unnecessary to evaluate the use for which approval is sought-pursuant to the site plan approval standards specified in Section 24.6 of this ordinance.

All Items Must Be Included in the Site Plan Packet or a Legitimate Explanation Must Be Written As To Why They Are Not.





KCH HOMES TM ASPHALT SEALING

ARCHITECTURAL PLANS FOR:





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PROJECT 8UILDING 48 × 80 × 18' 32 × 40' × 9' TOP ELEVATION & INDEX

KCH HOMES TM ASPHALT SEALING 12230 S US 131 HWY SCHOOLCRAFT, MI 49087

PAGE. 1 0 f 8
80.FT. 5120

DATE: 9/15/23

REVIEW: 1/4" ± 1/0"

DEVANN BY: CARB

DYS HOUSE

DYS HOUSE

DYS HOUSE

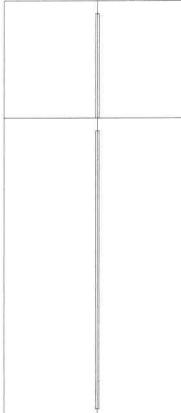
DYS HOUSE

EACH HOUSE

FOR HOU



PROFESSIONAL DESIGN OVERSIGHT PROVIDED BY CALININ RECOSCOORT, PE LATITUDE BAGINGERING, INC FAG CLYDE PARK SW, SUITE C BYRON CENTER, MI 49315 (616)583-1601.

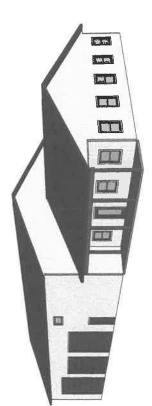


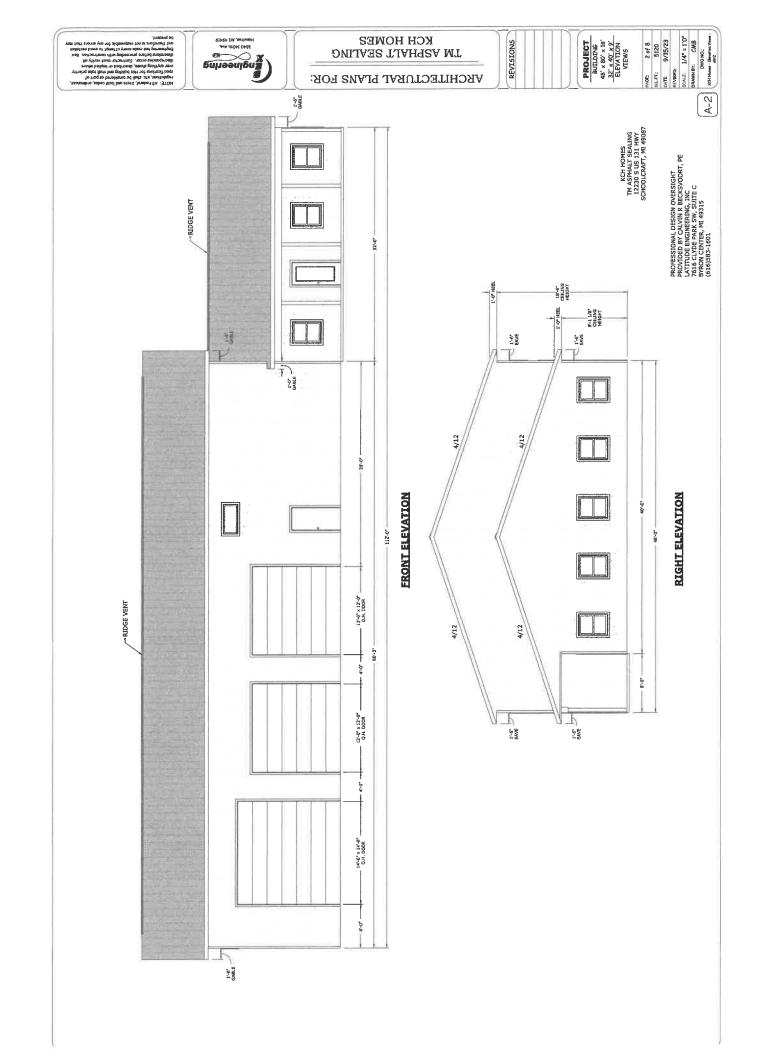
TOP ELEVATION

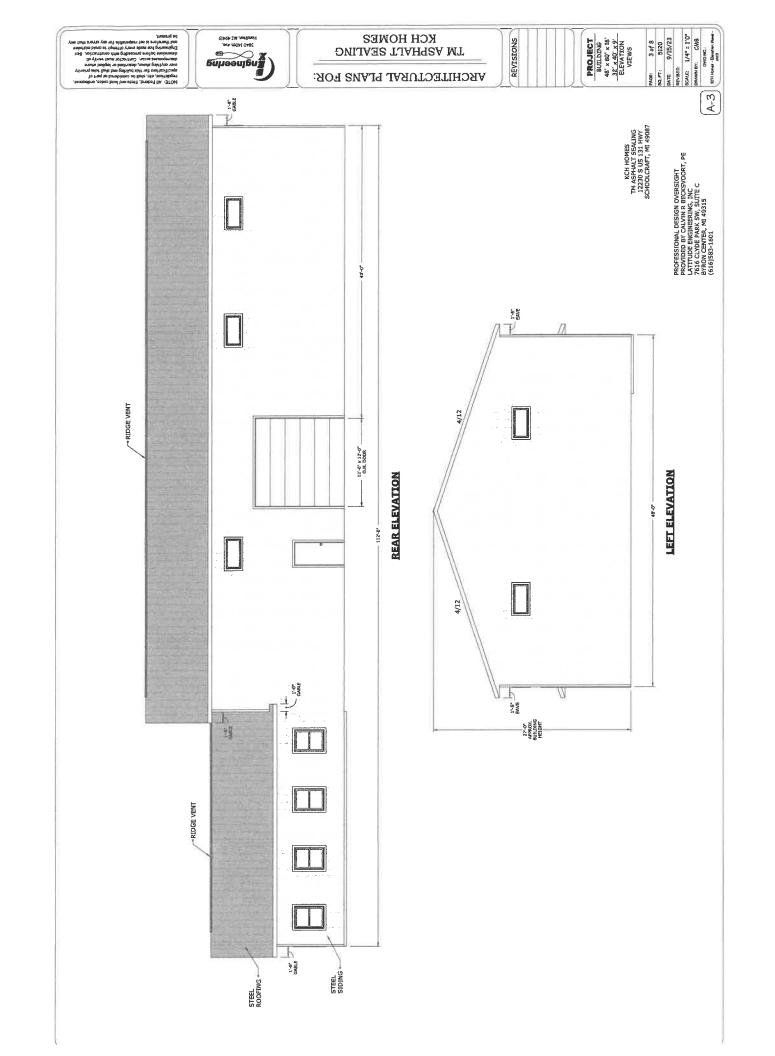
SCALE: 1/8" = 1'-0"

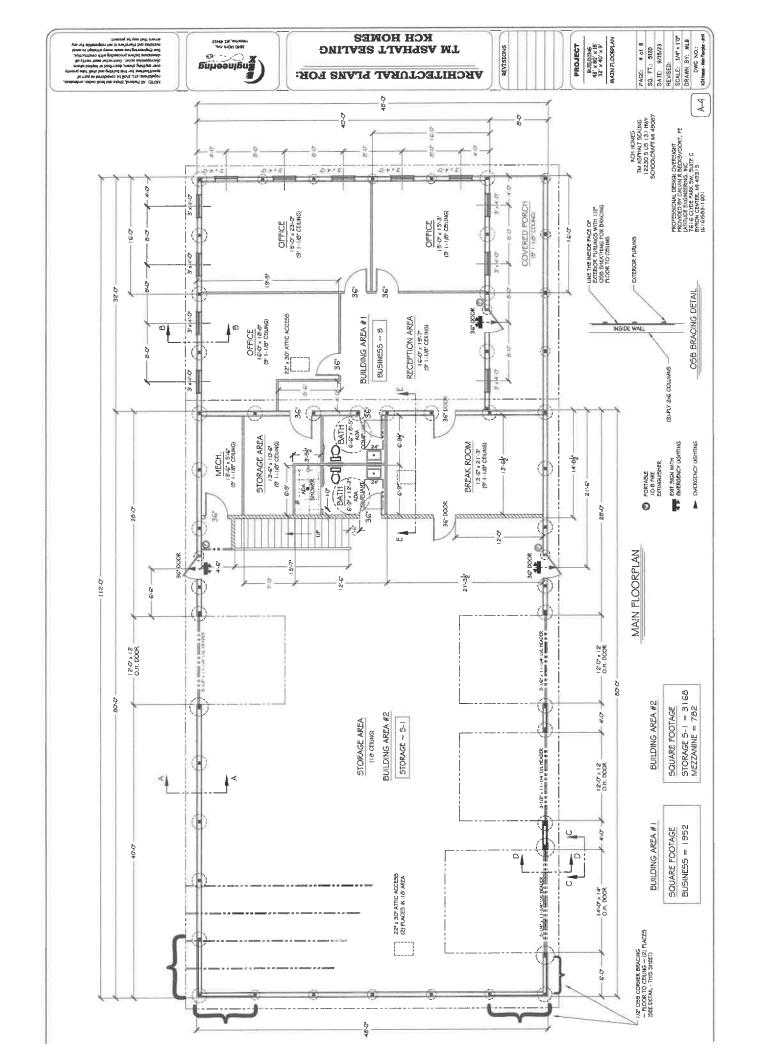
1 ~ TOP ELEVATION & INDEX
2 ~ FRONT & RIGHT ELEVATION VIEWS
3 ~ LET & REAR ELEVATION VIEWS
4 ~ MAIN FLOORPLAN
5 ~ MEZZANINE FLOORPLAN
7 ~ SECTION VIEWS
8 ~ SECTION VIEWS

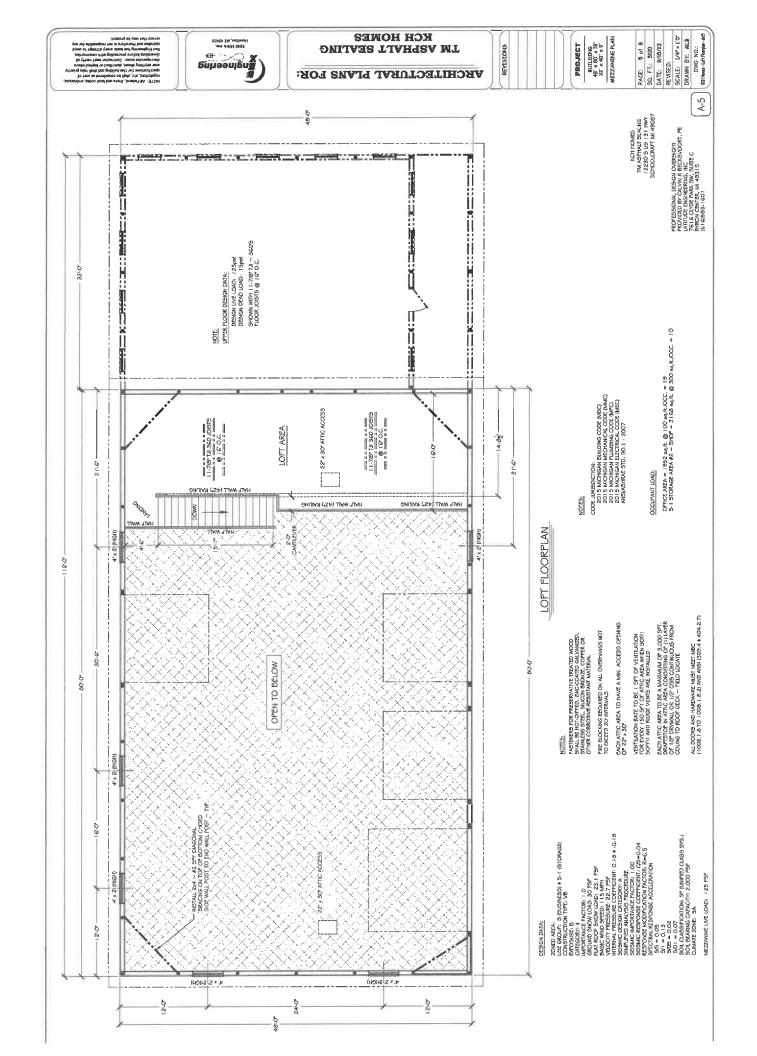
INDEX:

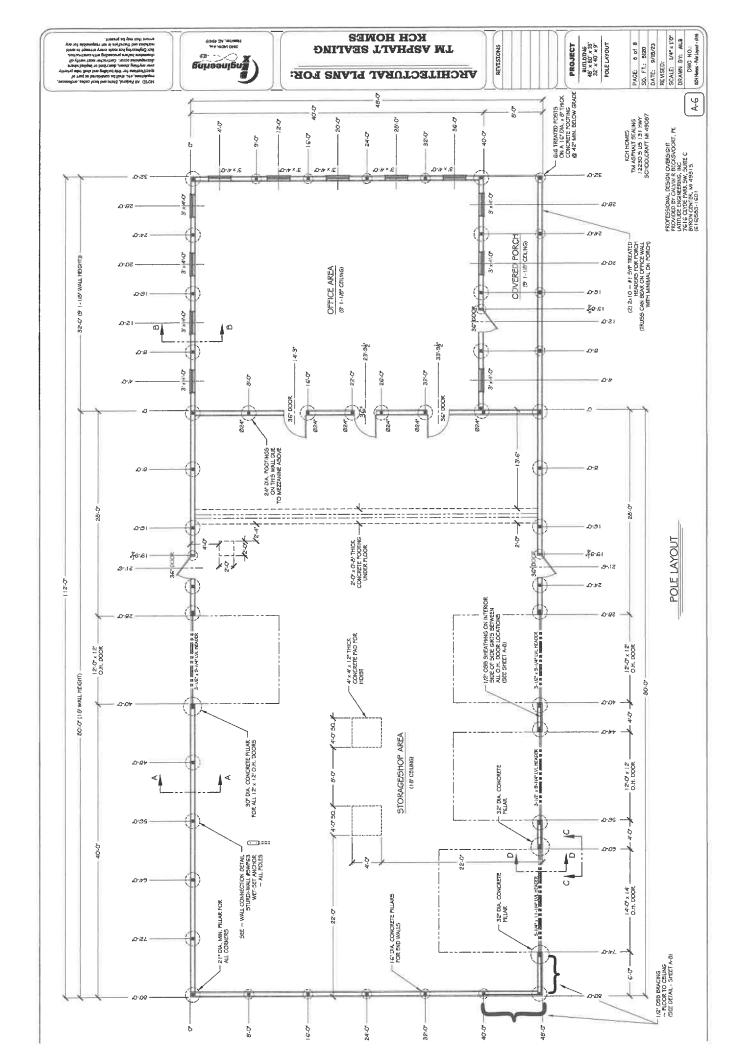


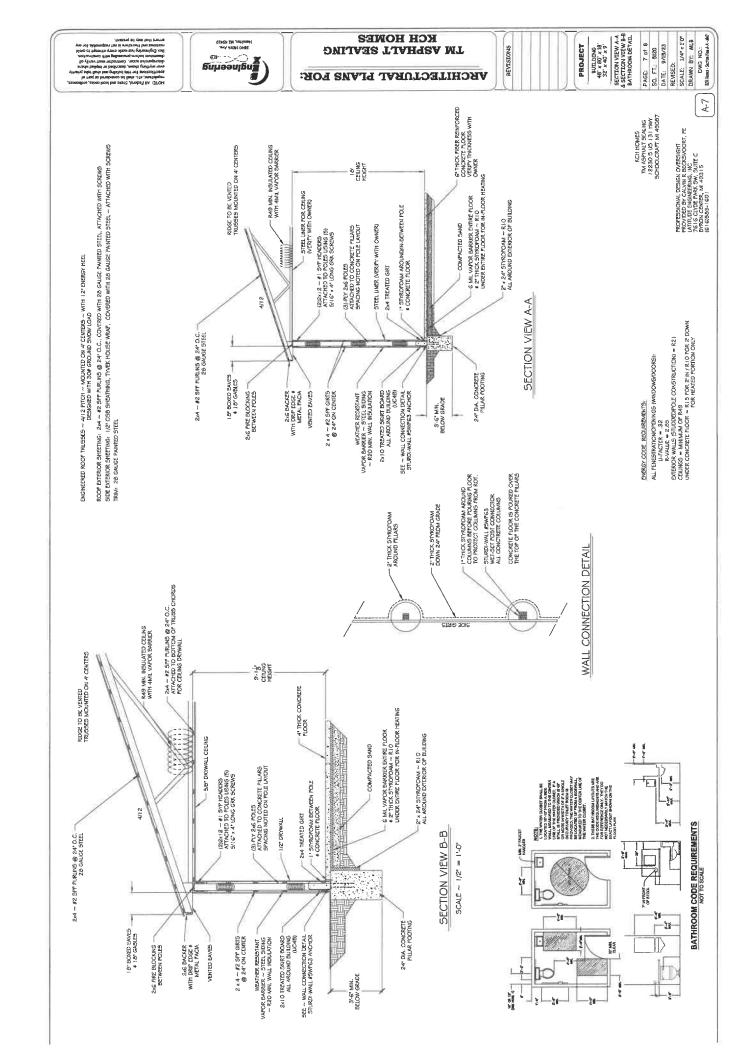


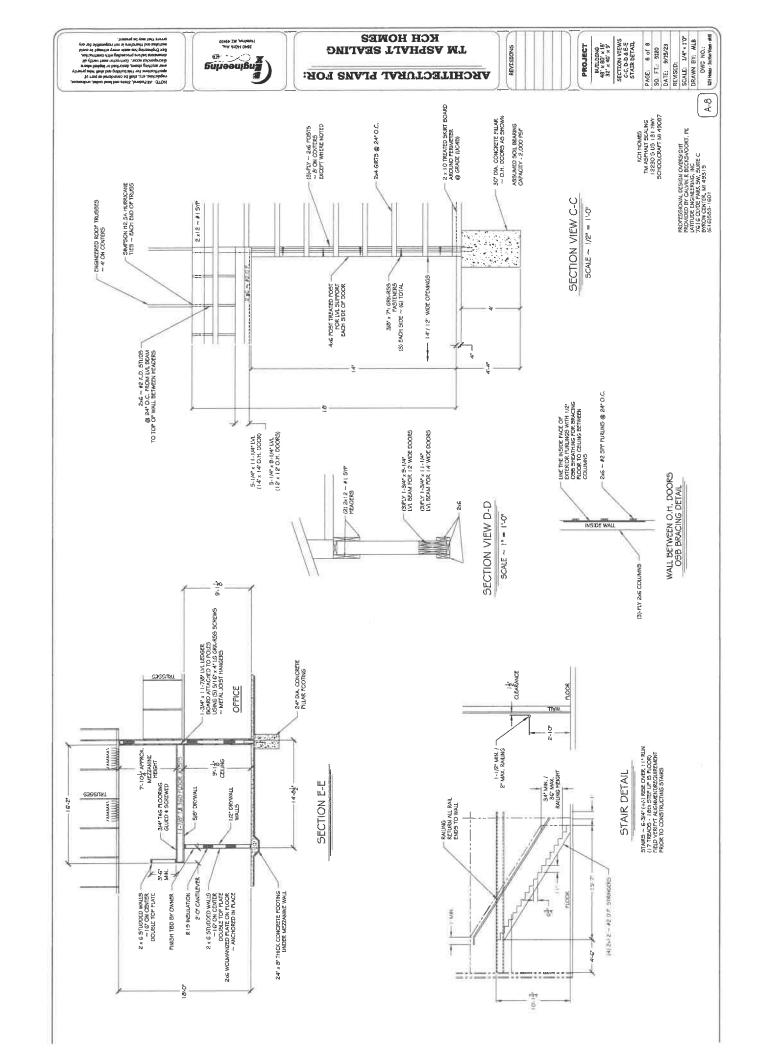


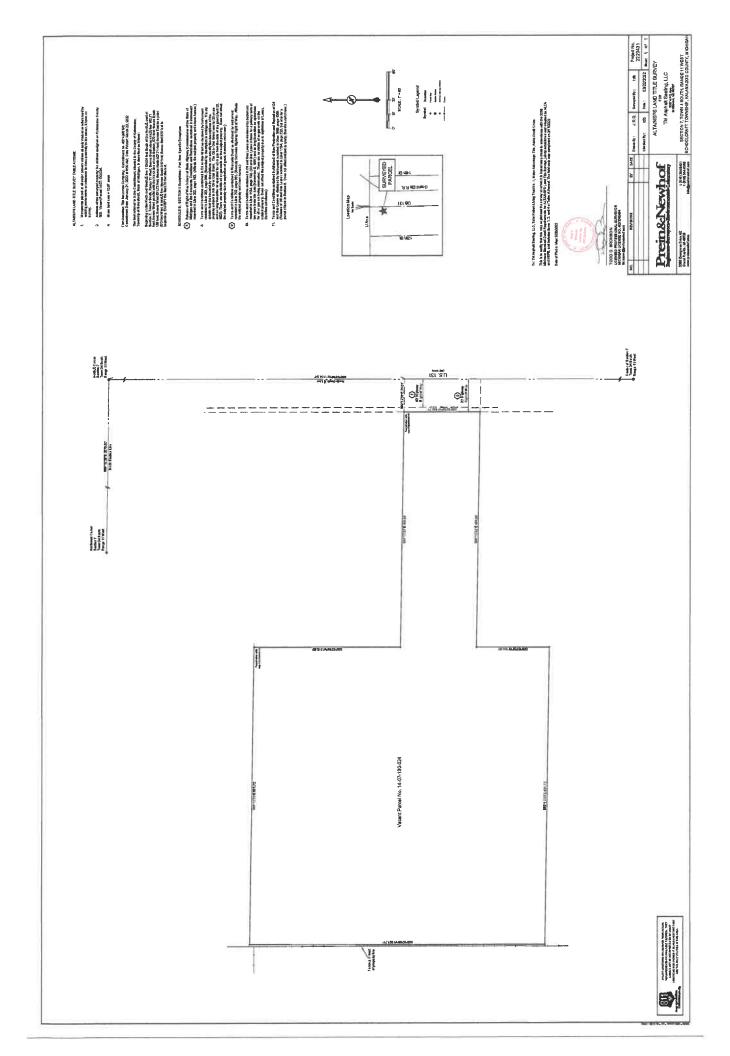














SAFETY DATA SHEET

Page 1 of 2

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product: 3405 REGULAR (LOW SULFUR)

Address: 300 Industrial Drive

Part Number: 4215000

Manufacturer: W. R. Meadows®, Inc.

Hampshire, Illinois 60140

Telephone: (847) 214-2100 In case of emergency, dial (800) 424-9300 (CHEMTREC)

Revision Date: 9/9/2014

Product Use: Hot-Applied Joint Sealant

SECTION 2: HAZARDS IDENTIFICATION/EXPOSURE LIMITS

Avoid inhalation of fumes.

SECTION 3: HAZARDS COMPONENTS

		% by	SARA	Vapor Pressure	LEL
Chemical Name:	CAS Number	Weight	313	(mm Hg@20°C)	(@25°C)
1. Petroleum Asphalt	8052-42-4	50-55	No	N/A	N/A
2. Petroleum Oil Base Stock	64742-65-0	5-10	No	N/A	0.9
3. Limestone	1317-65-3	25-30	No	N/A	N/A

Under the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1966 (SARA) and 40 CFR Part 372, chemicals listed on the 313 List (40 CFR Part 373.65) are identified under the heading "SARA 313."

N/A = Not Applicable

SECTION 4: EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: Not expected to be an exposure route as supplied. If contact with molten material occurs, seek immediate medical attention.

SKIN CONTACT: Wash affected areas with soap and water if available. If contact with hot, molten material occurs cool affected area with water. Do not attempt to remove congealed solid. Do not use petroleum solvents to remove solids adhered to skin. Seek immediate medical attention.

INHALATION: Not expected to be an exposure route as supplied. If irritation occurs due to exposure to fumes produced by hot molten product, move victim from exposure source and treat symptomatically. If symptoms persist, seek medical attention.

INGESTION: Not expected to be an exposure source.

SECTION 5: FIRE AND EXPLOSIVES HAZARDS

FLASHPOINT: Not applicable; product is a solid.

EXTINGUISHING MEDIA: Water fog, foam, dry chemical.

CHEMICAL/COMBUSTION HAZARDS: Oxides and compounds of nitrogen/sulfur, carbon monoxide/dioxide, and incomplete combustion products.

PRECAUTIONS/PERSONAL PROTECTIVE EQUIPMENT: Avoid smoke inhalation. Hot material may spatter if hit by a direct stream of water. Use appropriate personal protective equipment.

SECTION 6: ACCIDENTAL RELEASE MEASURES

SPILL OR LEAK PROCEDURES: Not applicable. Product is a solid. If molten material is spilled avoid direct contact, allow material to cool and landfill dispose.

SECTION 7: HANDLING AND STORAGE

SAFE HANDLING PROCEDURES: Avoid direct contact.

SAFE STORAGE: Prevent job-site damage.

SECTION 8:	EXPOSURE CONTROLS/PERSONAL PROTECTION
	OCULA

		OSH	A			ACG	IH	
Chemical Name:	PEL	PEL/CEILING	PEL/STEL	<u>SKIN</u>	TLV	TLV/CEILING	TLV/STEL	<u>SKIN</u>
1. Petroleum Asphalt	5 mg/m ³ *	N/E	N/E	No	0.5 mg/m ³ *	N/E	N/E	N/E
2. Petroleum Oil Base Stock	N/E	N/E	N/E	No	5 mg/m ³ +	N/E	N/E	N/E
3. Limestone	N/A	N/A	N/A	No	N/A	N/A	N/A	N/A
*: Asp	halt Fumes	+	: Mineral Oil M	list in Air		N/E: Not Establi	ished	

ENGINEERING CONTROLS: None required under normal use conditions.

PERSONAL PROTECTIVE EQUIPMENT: Safety glasses, chemical resistant gloves.

SAFETY DATA SHEET

	SAFETY DATA SE	1EE I
Date of Preparation: 9/9/14	Page 2 of 2	4215000
	SECTION 9: PHYSICAL AND CHEM	ICAL PROPERTIES
BOILING POINT: N/A	VAPOR DENSITY: N/A	% VOLATILE BY VOLUME: N/A
EVAPORATION RATE: N/A	pH LEVEL: N/A	% VOLATILE BY WEIGHT: N/A
WEIGHT PER GALLON: N/A	PRODUCT APPEARANCE: Black solid	VOC CONTENT: N/A
	SECTION 10: STABILITY/RI	ACTIVITY
STABILITY: Stable.	HAZARDOUS POLYMERIZATION: Will	not occur.
CONDITIONS AND MATERIALS TO A	VOID: None recognized.	
HAZARDOUS DECOMPOSITION PRO		
	SECTION 11: TOXICOLOGICAL	
	ause mild irritation. Contact with heated mat	
	cause slight skin irritation. Contact with heate	
INHALATION: Not anticipated to be	an exposure route. Heated material may emi	t fumes. Exposure to fumes may result in respiratory
irritation.		
INGESTION: Not anticipated to be ar		
		and swelling. Symptoms of skin irritation include redness
		abdominal discomfort. Symptoms of respiratory
	roat, coughing, chest discomfort, shortness of	
AGGRAVATED MEDICAL CONDITION	IS: Pre-existing skin, eye, and respiratory diso	rders may be aggravated by exposure to this product.
OTHER HEALTH EFFECTS: ACGIH Cla	ssifies asphalt as Not Classifiable as a Human	
	SECTION 12: ECOLOGICAL IN	
ECOTOXICITY: N/E	DEGRADABILITY: N/E	BIOACCUMULATIVE POTENTIAL: N/E
SOIL MOBILITY: N/E	OTHER ADVERSE EFFECTS: None Re	
	SECTION 13: WASTE DISPOSAL	INFORMATION
WASTE DISPOSAL INFORMATION: L	andfill disposal.	
	SECTION 14: TRANSPORTATION	INFORMATION
HAZARDOUS/NON-HAZARDOUS MA	ATERIAL: Not regulated by DOT.	
UN NUMBER: None.	HAZARD CLASS: N/A PACKING	G GROUP: N/A
UN PROPER SHIPPING NAME: N/A	·	
ENVIRONMENTAL HAZARDS: None	recognized.	
BULK TRANSPORTATION INFORMAT		
SPECIAL PRECAUTIONS: None.		
	SECTION 15: REGULATORY IN	FORMATION
OTHER REGULATORY CONSIDERATION	ONS: None recognized.	
	SECTION 16: OTHER INFO	RMATION
PREPARATION DATE: 9/9/20		

The information contained herein is based on the data available to us and is believed to be correct. However, we make no warranty, expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. We assume no responsibility for injury from the use of this product described herein.

PREPARED BY:

Dave Carey



Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Date of issue: 04/13/2015 Version: 1.01

SECTION 1: Identification of the substance/mixture and of the company/undertaking

Product identifier

: Mixture Product form

: Guard Cote Pavement Sealer Trade name

: 16020 Product code

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture : Asphalt Emulsion Pavement Selaer

Details of the supplier of the safety data sheet

The Brewer Company 1354 US Hwy 50 Milford, OH 45150

T General 800-394-0017 - F 513-576-1414

www.thebrewerco.com

1.4. Emergency telephone number

Emergency number : 800-424-9300 CHEMTREC 24 HOURS

SECTION 2: Hazards identification

Classification of the substance or mixture

GHS-US classification

H350 Carc. 1A STOT RE 1 H372

Full text of H-phrases: see section 16

2.2. Label elements

GHS-US labelling

Hazard pictograms (GHS-US)



GHS08

Signal word (GHS-US)

: Danger

Hazard statements (GHS-US) : H350 - May cause cancer

H372 - Causes damage to organs through prolonged or repeated exposure

: P201 - Obtain special instructions before use Precautionary statements (GHS-US)

P202 - Do not handle until all safety precautions have been read and understood

P260 - Do not breathe spray, vapours

P264 - Wash hands, forearms and face thoroughly after handling P270 - Do not eat, drink or smoke when using this product P280 - Wear eye protection, protective gloves, protective clothing P308+P313 - If exposed or concerned: Get medical advice/attention

P314 - Get medical advice/attention if you feel unwell

P405 - Store locked up

P501 - Dispose of contents/container to in accordance with local, regional, and national

regulations.

2.3. Other hazards

No additional information available

2.4. Unknown acute toxicity (GHS-US)

Not applicable

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

3.2. Mixture :

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Name	Product identifier	%	GHS-US classification
asphaltic bitumen, not cut back	(CAS No) 8052-42-4	28 - 30	Carc. 2, H351
silica	(CAS No) 14808-60-7	1.8 - 6.6	Carc. 1A, H350 STOT RE 1, H372
carbon black	(CAS No) 1333-86-4	0.835 - 1.002	Carc. 2, H351
titanium(IV) oxide	(CAS No) 13463-67-7	< 0.572	Carc. 2, H351

Full text of H-phrases: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical

advice (show the label where possible).

First-aid measures after inhalation : Not expected to be an inhalation hazard. Allow the victim to rest. Allow victim to breathe fresh

111 .

First-aid measures after skin contact : Remove affected clothing and wash all exposed skin area with mild soap and water, followed

by warm water rinse.

First-aid measures after eye contact : Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness

persist

First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

4.2. Most important symptoms and effects, both acute and delayed

No additional information available

4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Foam. Dry powder. Carbon dioxide. Water spray. Sand.

Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

Fire hazard : Water Based Product with no Flash Point. Material will not burn in liquid state. Cured product

will burn.

Explosion hazard : Product is not explosive.

Reactivity : Product is stable.

5.3. Advice for firefighters

Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any

chemical fire. Prevent fire-fighting water from entering environment.

Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures : Evacuate unnecessary personnel.

6.1.2. For emergency responders

Protective equipment : Equip cleanup crew with proper protection.

Emergency procedures : Ventilate area.

6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters. Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect

spillage. Store away from other materials.

3.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

06/17/2015 EN (English) 2/7

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling

: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour. Obtain special instructions before use. Do not handle until all safety precautions

have been read and understood. Do not breathe spray, vapours.

Do not eat, drink or smoke when using this product. Wash hands and other exposed areas with

mild soap and water before eating, drinking or smoking and when leaving work.

7.2. Conditions for safe storage, including any incompatibilities.

Technical measures

Hygiene measures

DO NOT SUBJECT TO FREEZING TEMPERATURES. Freezing will destroy the product

rendering not useable.

Storage conditions

: Store in a dry place. Store in a closed container. Keep only in the original container in a cool, well ventilated place away from : Heat sources, Corrosion Sources. Keep container closed

when not in use.

Incompatible products Incompatible materials

Oxidizing agent. Strong bases. Strong acids.
 Avoid contact with strong oxidizers. Heat sources.

7.3." Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Guard Cote Pavement Seale	
ACGIH	Not applicable
OSHA	Not applicable

carbon black (1333-	-86-4)	
ACGIH	ACGIH TWA (mg/m³)	3 mg/m³
ACGIH	Remark (ACGIH)	Bronchitis
OSHA	OSHA PEL (TWA) (mg/m³)	3.5 mg/m³

silica (14808-60-7)	SW STATE OF THE ST		10 - 10
ACGIH	ACGIH TWA (mg/m³)	0.025 mg/m³	
OSHA	Remark (OSHA)	(3) See Table Z-3.	

titanium(IV) oxide	(13463-67-7)	The state of the s	
ACGIH	ACGIH TWA (mg/m³)	1 mg/m³	
ACGIH	Remark (ACGIH)	LRT irr; A3	
OSHA	OSHA PEL (TWA) (mg/m³)	15 mg/m³	

asphaltic bitumen	, not cut back (8052-42-4)	A THE COURT OF THE SECOND SECURIOR
ACGIH	Not applicable	
OSHA	Not applicable	

8.2. Exposure controls

Personal protective equipment : Gloves, Safety glasses, Protective clothing, Avoid all unnecessary exposure.



Hand protection

: Wear protective gloves.

Eye protection

; Chemical goggles or safety glasses.

Respiratory protection

: Respiratory protection not required in normal conditions. Wear appropriate mask.

Other information

: Do not eat, drink or smoke during use.

06/17/2015 EN (English) 3/7

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid

Appearance : A dark brown to black liquid consistency asphalt emulsion pavement sealer.

Colour : brown;Black

Odour : Very mild hydrocarbon odor.

Odour threshold : No data available

pH : 6-8

Relative evaporation rate (butylacetate=1) : No data available
Melting point : No data available
Freezing point : No data available

Boiling point : ≈ 212 °F

Flash point : No data available : No data available Auto-ignition temperature Decomposition temperature : No data available : No data available Flammability (solid, gas) Vapour pressure No data available Relative vapour density at 20 °C : No data available : No data available Relative density : > 1.15 a/cm3 Density Percent Solids : ≈ 50 %

Solubility : Soluble in water.

Water: Solubility in water of component(s) of the mixture :

carbon black: < 0.01 g/100ml
 lithium hydroxide, monohydrate: 22.3 g/100ml
 tertiary-octylphenoxypoly(ethoxyethanol): Complete
 silica: insoluble
 titanium(IV) oxide: 0.15 g/100ml
 2, 2, 4-trimethyl-1, 3-pentanediol monoisobutyrate: 0.090 g/100ml
 2-(2-

aminoethylamino)ethanol: Complete

Log Pow : No data available
Log Kow : No data available
Viscosity, kinematic : No data available
Viscosity, dynamic : No data available
Explosive properties : No data available
Oxidising properties : No data available
Explosive limits : No data available

9.2. Other Information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Product is stable.

10,2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under conditions of normal use.

10.4. Conditions to avoid

Extremely high or low temperatures.

10.5. Incompatible materials

Avoid strong ozidizers.

10.6. Hazardous decomposition products

hydrogen sulfide, sulfides. fume. Carbon monoxide. Carbon dioxide.

06/17/2015 EN (English) 4/7

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified

carbon black (1333-86-4)	
LD50 oral rat	> 8000 mg/kg (Rat; OECD 401: Acute Oral Toxicity; Experimental value)
LD50 dermal rabbit	> 3000 mg/kg (Rabbit)

titanium(IV) oxide (13463-67-7)	
LD50 oral rat	> 10000 mg/kg (Rat; OECD 425: Acute Oral Toxicity: Up-and-Down Procedure; Experimental value; > 5000 mg/kg bodyweight; Rat; Experimental value)
LD50 dermal rabbit	> 10000 mg/kg (Rabbit; Experimental value)
LC50 inhalation rat (mg/l)	> 6.8 mg/l/4h (Rat; Experimental value)

Skin corrosion/irritation : Not classified pH: 6 - 8
Serious eye damage/irritation : Not classified pH: 6 - 8
Respiratory or skin sensitisation : Not classified

Germ cell mutagenicity : Not classified Carcinogenicity : May cause cancer.

carbon black (1333-86-4)	
IARC group	2B - Possibly carcinogenic to humans

silica (14808-60-7)	
IARC group	1 - Carcinogenic to humans

titanium(IV) oxide (13463-67-7)	
IARC group	2B - Possibly carcinogenic to humans

asphaltic bitumen, not cut back (8052-42-4)	
IARC group	2A - Probably carcinogenic to humans, 2B - Possibly carcinogenic to humans

Reproductive toxicity : Not classified Specific target organ toxicity (single exposure) : Not classified

Specific target organ toxicity (repeated exposure)

: Causes damage to organs through prolonged or repeated exposure.

Aspiration hazard : Not classified

Potential adverse human health effects and

symptoms

: Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

471	LOVICITY
12,1,	Toxicity

Ecology - general : This product may cause adverse environmental effects if used improperly or release to the environment through a spill. Employ best management practices to prevent this material from

entering storm sewer systems, waterways or otherwise impacting plant and animal species.

Ecology - water : Very toxic to aquatic life.

12.2. Persistence and degradability

Guard Cote Pavement Sealer	
Persistence and degradability	Not established.

12.3. Bioaccumulative potential

Guard Cote Pavement Sealer	
Bioaccumulative potential	Not established.

06/17/2015 EN (English) 5/7

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Effect on ozone layer

Effect on the global warming : No known ecological damage caused by this product.

Other information : Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste disposal recommendations : Dispose of contents/container in accordance with all local, state, and national regulations.

Dispose in a safe manner in accordance with local/national regulations.

Ecology - waste materials : Avoid release to the environment.

SECTION 14: Transport information

In accordance with DOT

Not regulated for transport

Additional information
Other information

: Not classified as a hazardous material under HM-181.

ADR

No additional information available

Transport by sea

No additional information available

Air transport

No additional information available

SECTION 15: Regulatory information

15.1. US Federal regulations

Guard Cote Pavement Sealer

Not listed on the United States TSCA (Toxic Substances Control Act) inventory

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory except for:

lithium hydroxide, monohydrate	CAS No 1310-66-3	0.0069%
silica	CAS No 14808-60-7	C>1.80%; C<6.60%

This product or mixture does not contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

15.2. International regulations

CANADA

No additional information available

EU-Regulations

No additional information available

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]

Not classified

15.2.2. National regulations

06/17/2015 EN (English) 6/7

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

carbon black (1333-86-4)

Listed on IARC (International Agency for Research on Cancer)

titanium(IV) oxide (13463-67-7)

Listed on IARC (International Agency for Research on Cancer)

15.3, US State regulations

California Proposition 65 - This product contains, or may contain, trace quantities of a substance(s) known to the state of California to cause cancer and/or reproductive toxicity

carbon black (1333-86-	4)			
U.S California - Proposition 65 - Carcinogens List	U.S California - Proposition 65 - Developmental Toxicity	U.S California - Proposition 65 - Reproductive Toxicity - Female	U.S California - Proposition 65 - Reproductive Toxicity - Male	No significance risk level (NSRL)
Yes	No	No	No	

carbon black (1333-86-4)

U.S. - New Jersey - Right to Know Hazardous Substance List

titanium(IV) oxide (13463-67-7)

U.S. - New Jersey - Right to Know Hazardous Substance List

asphaltic bitumen, not cut back (8052-42-4)

U.S. - New Jersey - Right to Know Hazardous Substance List

SECTION 16: Other information

Other information

: None.

Full text of H-phrases:

t of H-phrases:		
Carc. 1A	Carcinogenicity, Category 1A	
Carc. 2	Carcinogenicity, Category 2	
STOT RE 1	Specific target organ toxicity — Repeated exposure, Category 1	
H350	May cause cancer	
H351	Suspected of causing cancer	
H372	Causes damage to organs through prolonged or repeated exposure	

NFPA health hazard

: 1 - Exposure could cause irritation but only minor residual

injury even if no treatment is given.

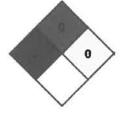
NFPA fire hazard

: 0 - Materials that will not burn.

NFPA reactivity

: 0 - Normally stable, even under fire exposure conditions,

and are not reactive with water.



HMIS III Rating

Health

: 1 Slight Hazard - Irritation or minor reversible injury possible

Flammability

0 Minimal Hazard

Physical

0 Minimal Hazard

Personal Protection

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TBC SDS US (GHS Hazcom 2012)

The information and recommendations contained herein are to the best of THE BREWER COMPANY'S knowledge and belief, accurate and reliable as of the date issued. THE BREWER COMPANY does not warrant or guarantee their accuracy or reliability, and THE BREWER COMPANY shall not be liable for any loss or damage arising out of the use thereof.

The information and recommendations are offered for the users consideration and examination, and it is the user's responsibility to satisfy itself that they are suitable and complete for its particular use. It is also the users responsibility to make certain that it is relying upon the most recent, updated, information and recommendations available from THE BREWER COMPANY.

The Environmental Information included, as well as the Hazardous Material Identification System (HMIS) and National Fire Protection Association (NFPA) ratings, have been included by THE BREWER COMPANY in order to provide additional health and hazard classification information. The ratings recommended are based upon the criteria supplied by the developers of these rating systems, together with THE BREWER COMPANY'S interpretation of the available data.

06/17/2015 EN (English) 7/7