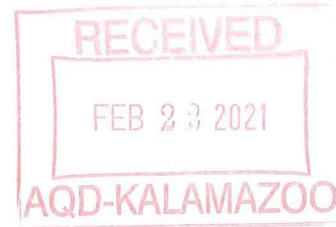


EGLE AQD

Kalamazoo District

7953 Adobe Road

Kalamazoo, Michigan 49009



To whom it may concern:

Kalamazoo Sandblast is acknowledging the Violation from EGLE AQD that occurred on January 19, 2021 at address 6565 E. K Ave Kalamazoo, Michigan 49048.

Sandblast Process:

Our explanation for the cause of the violation is as follows: currently completing a sandblasting project that protrudes from the building not allowing for the door to close and/or seal shut. This is causing the air contaminants to filter out into the open air outside of the building. This violation is currently ongoing with a completion date of February 12th, 2021. The immediate actions that are being taken to allow for an air-tight seal from the inside of the building are as follows: filling all cracks/crevices and sealing the large sliding door to the front of the building with a completion date of March 26th 2021. To prevent any reoccurrence of said violation we plan to perform monthly inspections of the building to ensure that we are maintaining an air-tight seal from within the building as well as only accepting projects that fit into the building allowing for the door to close completely with an air-tight seal. We also are blueprinting the installation of an air filtration system for the building. This will be completed as we source the materials and equipment needed to do so.

In regard to the Permit to Install Rule 201 we are claiming to be exempt based on R 336.1285 (2) (vi) (B) which states: Equipment that has emissions that are released only in the general in-plant environment. As of March 26th, 2021, we are compliant to the specifications of the rule to be exempt.

We would also like to inform you of the product that we use for sandblasting, Jetmag is environmentally safe. EscaBlast is the company that we source our product from. On their website (Escablast.com/jetmag/) it states that Jetmag is the following: "Non-hazardous, non-toxic, completely inert, and safe to use around water and all types of environment. The dust is classified by OSHA/NIOSH as only "nuisance" dust because it contains less than 1% free silica. JETMAG does not contain any of the OSHA identified Heavy/Toxic Metals associated with slags and other mineral abrasives like Black Beauty." Included with this letter is a copy of the Non-hazardous Material Safety Data Sheet and Technical Data Sheet for Jetmag. Also included are our results of TCLP RCRA Metal Testing performed by Prein & Newhof for the used Jetmag media.

Coating Process:

Regarding the Permit to Install Rule 201 we are claiming to be exempt based on R 336.1287 (2) (a), (b), and (c) (i) which states: (a) An adhesive coating line which has an application rate of less than 2 gallons per day and which has emissions that are released only into the general in-plant environment. And (b) A surface coating process that uses only hand-held aerosol spray cans, including the puncturing and disposing of the spray cans, or other coatings that are manually applied from containers not to exceed 8 ounces in size. And (c) (i) The coating use rate is not more than 200 gallons, as applied, minus water, per month. We use less than 2 gallons of coating per day which constitutes to using far less than 200 gallons per month that is stated in (c) (i). All coating operations are performed in an air-tight building. Blueprints for an air filtration system are currently ongoing. Most of our coating process, around 75%, is completed using aerosol cans.

Thank you for your time and effort to ensure that our environment is properly cared for. If you have any further questions or concerns, please feel free to contact us at the numbers or email listed below.

Joe & Taylor Cornelius

Kalamazoo Sandblast

269.993.5977 & 269.539.1956

Kalamazoosandblast@Gmail.com

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 2899 BLVD. Frontenac East
 Thetford Mines (Quebec) Canada G6G 6P6
 Tel. : (418) 338-3562
 E-MAIL: info@olimag.com

OLIMAG Inc.
Sands
www.olimag.com



JETMAG®
 SYNTHETIC OLIVINE
 PYROXENE SAND FOR BLAST CLEANING

ADVANTAGES:

- Excellent sanding quality with a highly competitive cost / performance, fast execution and reduced sand consumption.
- Its chemical and mineralogical composition makes JETMAG® a non-toxic, non-hazardous product for an improved workplace quality for users
- Has less than 1% of free silica.
- Produce a safe and limited dust work environment, great productivity in enclosed spaces
- Reduce cost of waste management due to its lighter weight
- Can be recycled 3 to 4 times with adequate recycling system in place

OUR STANDARD GRANULOMETRY

JETMAG	DEPTH OF CAVITIES IN 1/1000 OF AN INCH	MAIN USAGES
16-60	4 to 6	Hard rust, painted and rusted steel, premetallization, deep cavities, boat and bridges surfacing, concrete
30-60	2.5 to 4	Acier peint ou rouillé de structure, équipements industriels, machinerie lourde, camions
32B4	2 to 3	New and painted steel, light rust, trucks, wheels
35-70	1.5 to 2.5	Automotive (car body shop), light cavities, new steel, stainless steel
60-B2	0.5 to 1	Stainless steel, fiberglass, aluminum, wood

Chemical analysis		Physical properties
ELEMENTS	% weight	
MgO	38 to 42	Specific gravity : 2.8 – 2.9 g/cc*
SiO ₂ *	39 to 47	Density : 78 à 82 lbs/pi ³ * (1.25 to 1.31 g/cm ³)
Fe ₂ O ₃	7 to 10	Angular shape particles
AL ₂ O ₃	0.3 to .13	Water absorption: absorb no humidity
CaO	0.8 to 1	Hardness : 7 À 7,5 on the Mohs scale
Others	1 to 2	* Upon granulometry

* More than 99 % of the silica is chemically link to magnesium with less than 1 % de free silica.

Non-hazardous material safety data sheet for

Synthetic Olivine

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

1.1 Product identifier

Product name: Jetmag®, Olimag®, Magfill®
 Other names: Magnesium silicate, synthetic olivine, pyroxen
 REACH registration number: Exempt
 CAS number: RN 12 44 003-26-6

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

Identified uses: Refractory material, sandblast (abrasive) geothermal grout, rail traction sand

1.3 Details of the supplier of the safety data sheet

Les Sables Olimag, 725 Caouette C.P. 276 Thetford Mines QC G6G 5T1 CA
 info@olimag.com

1.4 Emergency telephone number of supplier

Les Sables Olimag 418-338-3562

Hours of operation: 09.00 – 16.00 (local business hours)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (EC 1272/2008): Physical and chemical hazards: not classified
 Human health: STOT RE 2 – H373
 Environment: not classified

The full text for all R-phrases and hazard statements are displayed in section 16.

2.2 Label elements

Label in accordance with (EC) No. 1272/2008: No pictogram required

2.3 Other hazards

This product does not contain any PBT or vPvB substances.

SECTION 3: Composition/information on ingredients

3.1 Substances

Product / ingredient name	%	CAS No	EC No	Classification	Mineral Analysis	
				Regulation (EC) No. 1272/2008 [CLP]	Mineral	% Weight
MgO	38-42	1309-48-4	215-171-9	Not classified	Mg ₂ SiO ₃	50 - 60
SiO ₂ (*)	39-47	112926-00-8	231-545-4	Not classified	MgSiO ₃	25 - 30
Fe ₂ O ₃	7-10	1309-37-1	215-275-4	Not classified	MgFe ₂ O ₄	8 - 10
Al ₂ O ₃	0.3-1.3	1344-28-1	215-691-6	Not classified	Fe ₂ O ₃	2 - 8
CaO	0.8-1.0	1305-78-8	215-138-9	Not classified	Others	4 - 5
Others	1-2			Not classified		

(*) In silicate form with less than 1% free silica.

The full text for all R phrases and hazard statements are displayed in section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

Inhalation:	Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.
Ingestion:	Rinse mouth thoroughly. Get medical attention if any discomfort continues.
Skin contact:	Wash skin with soap and water. Get medical attention if irritation persists after washing.
Eye contact:	Make sure to remove any contact lenses from the eyes before rinsing. Rinse eye with water immediately. Get medical attention if any discomfort continues.

4.2 Most important symptoms and effects, both acute and delayed

Inhalation:	No specific symptoms noted.
Ingestion:	No specific symptoms noted.
Skin contact:	No specific symptoms noted.
Eye contact:	No specific symptoms noted.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically

SECTION 5: Fire fighting measures

5.1 Extinguishing media

This product is not flammable. Use fire extinguishing media appropriate for surrounding materials.

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products: None under normal conditions

5.3 Advice for firefighters

Special fire fighting procedures: No specific fire fighting procedures given

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Follow precautions for safe handling described in this safety data sheet

6.2 Environmental precautions

The product should not be dumped in nature but collected and delivered according to agreement with the local authorities.

6.3 Methods and material for containment and cleaning up

Avoid dust formation. Remove spillage with vacuum cleaner. If not possible, collect spillage with shovel, broom or the like. Transfer to a container for disposal.

6.4 Reference to other sections

For personal protection see section 8. For waste disposal see section 13.

SECTION 7: Handling and storage

- 7.1 Precautions for safe handling** Avoid handling which leads to dust formation. Avoid inhalation of high concentrations of dust. Observe occupational exposure limits and minimise the risk of inhalation of dust.
- 7.2 Conditions for safe storage, including any incompatibilities** Store in tightly closed original container in a dry, cool and well-ventilated place. Keep in original container.
- 7.3 Specific end use(s)** The identified uses for this product are detailed in section 1.2

SECTION 8: Exposure controls / personal protection

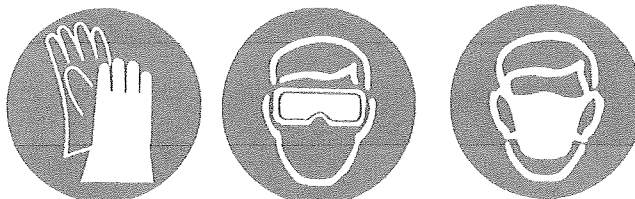
8.1 Control parameters

Name	STD	TWA – 8hrs		STEL – 15mins		Notes
Synthetic Olivine	WEL	10 mg/m ³	5 mg/m ³			

WEL = Workplace Exposure Limit

8.2 Exposure controls

Protective equipment



- Engineering measures:** Provide adequate ventilation. Observe occupational exposure limits and minimise the risk of inhalation of dust.
- Respiratory equipment:** No specific recommendation made, but respiratory protection must be used if the general level exceeds the recommended occupational exposure limit. Wear dust masks in dusty areas.
- Hand protection:** No specific hand protection noted, but gloves may still be advisable.
- Eye protection:** Wear dust resistant safety goggles where this is a danger of eye contact.
- Other protection:** Provide eyewash station.
- Hygiene measures:** Wash hands at the end of each work shift and before eating, smoking and using the toilet.

SECTION 9: Physical and chemical properties

9.1 Information on basic and physical and chemical properties

- Appearance:** Granular sand, crushed or ground to a powder
- Colour:** Color varies from light to dark brown
- Odour:** Odourless
- Solubility:** Insoluble in water
- Melting point (°C):** > 1700
- Relative density:** 1.8 - 1.40 g / cm³ - 84.55 - 87.80 lb / ft³
- pH value:** N/A

- 9.2 Other information** Not relevant

SECTION 10: Stability and reactivity

10.1 Reactivity	No specific reactivity hazards associated with this product.
10.2 Chemical stability	Stable under normal temperature conditions.
10.3 Possibility of hazardous reactions	Not relevant
10.4 Conditions to avoid	No specific conditions are likely to result in a hazardous situation
10.5 Incompatible materials Materials to avoid:	No specific, or groups, of materials are likely to react to produce a hazardous situation.
10.6 Hazardous decomposition products	None under normal circumstances

SECTION 11: Toxicological information

11.1 Information on toxicological effects Other health effects:	This substance has no evidence of carcinogenic properties.
Acute toxicity	
Acute toxicity (Oral LD50):	Not relevant
Acute toxicity (Dermal LD50):	Not relevant
Acute toxicity (Inhalation LC50):	Not relevant
Inhalation:	Dust in high concentrations may irritate the respiratory system.
Ingestion:	May cause discomfort if swallowed.
Skin contact:	No short or long term effect
Eye contact:	Particles in the eyes may cause irritation and smarting.

SECTION 12: Ecological information

Ecotoxicity:	Not regarded as dangerous for the environment.
12.1 Acute fish toxicity:	Not considered toxic to fish.
12.2 Persistence and degradability Degradability:	The product is not readily biodegradable.
12.3 Bioaccumulative potential:	The product is not bioaccumulating.
12.4 Mobility in soil:	Not relevant, due to the form of the product.
12.5 Results of PBT and vPvB assessment:	This product does not contain any PBT or vPvB substances.
12.6 Other adverse effects:	None known

SECTION 13: Disposal considerations

13.1 Waste treatment methods:	Dispose of waste and residues in accordance with local authority requirements.
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SECTION 14: Transport considerations

Road transport notes:	Not classified
Rail transport notes:	Not classified
Sea transport notes:	Not classified
Air transport notes:	Not classified
14.1 UN Number:	The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).
14.2 UN proper shipping name:	Not classified for transportation.
14.3 Transport and hazard class(es):	Not classified for transportation.
14.4 Packing group:	Not classified for transportation.
14.5 Environmental hazards Environmentally hazardous substances / marine pollutant: no	
14.6 Special precautions for user:	Not classified for transportation.
14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code Not applicable	

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations / legislation specific for the substance or mixture	
Approved code of practice:	Classification and labelling of substances and preparations dangerous for supply. Safety data sheets for substances and preparations.
Guidance notes:	Workplace Exposure Limits EH40.
EU Legislation:	Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulations (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments. Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments.
15.2 Chemical Safety Assessment:	Not applicable. No chemical safety assessment has been carried out.

SECTION 16: Other information

Revision date:	01/05/2020
Revision:	2
Risk phrases in full:	NC – not classified

Disclaimer:

This information relates only 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 the company's knowledge and belief, accurate and reliable as of the date indicated. However no warranty guarantee or representation is made to its accuracy, reliability of completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.



February 18, 2021

Kalamazoo Sandblast
6565 E. K Ave
Kalamazoo, MI 49048

RE: Disposed Media Testing

Order No.: 2102516

Dear Mr. Joe Cornelius:

Prein&Newhof Laboratory received 1 sample(s) on 2/12/2021 for the analyses presented in the following report.

There were no problems with the analytical events associated with this report unless noted in the Case Narrative.

Any analyte that exceeds the provided permit level are noted on the report with an "*" in the Qual field. Quality control data is within laboratory defined or method specified acceptance limits except if noted.

If you have any questions regarding these tests results, please feel free to call.

Thank you for your business.
Sincerely,

A handwritten signature in cursive script, appearing to read "Steve M. Bylsma".

Steve Bylsma
Laboratory Manager

CLIENT:	Kalamazoo Sandblast	Collection Date:	2/8/2021 12:00:00 PM
Project:	Disposed Media Testing	Received Date:	2/12/2021 9:00:00 AM
Lab ID:	2102516-01	Matrix:	SOIL
Client Sample ID:	Disposed Media	Sampled By:	J. Cornelius
Location:			

Analyses	Result	RL	Qual	Units	Hazardous Level	Date Analyzed
METALS, TCLP				SW 7470A		Analyst: DV
Mercury	< 0.00250	0.00250		mg/L	0.200	2/17/2021 11:30:00 AM
METALS, TCLP				SW 6020B		Analyst: KS
Arsenic	< 0.0100	0.0100	D	mg/L	5.00	2/16/2021 7:34:52 PM
Barium	1.99	0.0200	D	mg/L	100	2/17/2021 3:25:17 PM
Cadmium	0.00633	0.00200	D	mg/L	1.00	2/16/2021 7:34:52 PM
Chromium	0.0406	0.0100	D	mg/L	5.00	2/16/2021 7:34:52 PM
Copper	0.149	0.0100	D	mg/L		2/16/2021 7:34:52 PM
Lead	0.456	0.0100	D	mg/L	5.00	2/16/2021 7:34:52 PM
Nickel	0.132	0.0100	D	mg/L	5.00	2/16/2021 7:34:52 PM
Selenium	< 0.0100	0.0100	D	mg/L	1.00	2/16/2021 7:34:52 PM
Silver	< 0.00200	0.00200	D	mg/L	5.00	2/16/2021 7:34:52 PM
Zinc	2.31	0.0200	D	mg/L		2/17/2021 3:25:17 PM

Qualifiers:	<	Not Detected at the Reporting Limit	D	Dilution was required.
	H	Holding times for preparation or analysis exceeded	MCL	Maximum Contaminant Level
	PL	Permit Limit	RL	Reporting Limit

