SAFETY DATA SHEET according to the US OSHA Hazard Communication Standard (29 CFR 1910.1200) and the Canadian Hazardous Products Regulations

Section 1: IDENTIFICATION

Product Name:	Vinylrock
Synonyms:	None.
Product Use:	Acoustic ceiling panel.
Restrictions on Use:	None.
Manufacturer/Supplier:	CertainTeed Architectural 20 Moores Road Malvern, PA 19355 United States
Phone Number:	920-893-8898
Emergency Phone:	**Chemtrec-** 1-800-424-9300 **International-** 1-703-527-3887
Date of Preparation of SDS:	August 11, 2022

Section 2: HAZARD(S) IDENTIFICATION

GHS INFORMATION

This material is a manufactured article as defined in the OSHA Hazard Communication Standard (29 CFR 1910.1200) and in the Canadian Hazardous Products Act. As supplied, this material is unlikely to pose any health hazards. This SDS contains valuable information critical to safe handling in dust-generating conditions, such as sawing and sanding, as well as unusual and unintended exposures.

Classification: Not hazardous according to OSHA criteria (29 CFR 1910.1200).
Not hazardous according to WHMIS 2015 criteria.

LABEL ELEMENTS

Hazard Pictogram(s): None.

Signal Word: None.

Hazard Statements: Not applicable.

Precautionary Statements

Prevention: Not applicable.

Response: Not applicable.

Storage: Not applicable.

Disposal: Not applicable.

Hazards Not Otherwise Classified: Not applicable.

Ingredients with Unknown Toxicity: 100% of this product mixture consists of ingredient(s) of unknown acute toxicity.

This material is not considered hazardous by the OSHA Hazard Communication Standard, (29 CFR 1910.1200).

This material is not considered hazardous by the Hazardous Products Regulations.

Section 3: COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient(s)	Common name / Synonyms	CAS No.	% wt./wt.
Gypsum (Ca(SO4).2H2O)	Calcium sulfate dihydrate	13397-24-5	65 - 85
Cellulose	Cellulose, microcrystalline	9004-34-6	5 - 10
Starch, 2-hydroxyethyl ether	2-Hydroxyethyl starch	9005-27-0	5 - 10
Vermiculite	Not available.	1318-00-9	1 - 5
Ethene, chloro-, homopolymer	Polyvinyl chloride	9002-86-2	1 - 5
Acetic acid ethenyl ester, homopolymer	Polyvinyl acetate	9003-20-7	1 - 5
Boric acid (H3BO3)	Not available.	10043-35-3	0.5 - 1.5

Section 4: FIRST-AID MEASURES

Inhalation:

Not a normal route of exposure. If dust is inhaled: Call a poison center or doctor if you feel unwell.

Acute and delayed symptoms and effects: Not a normal route of exposure. Dust may cause respiratory irritation. Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain. Use personal protection recommended in Section 8.

Eye Contact:

Not a normal route of exposure. If dust gets in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a poison center or doctor if you feel unwell.

Acute and delayed symptoms and effects: Dust may cause eye irritation. Signs/symptoms may include redness, swelling, pain, tearing, and blurred or hazy vision. Use personal protection recommended in Section 8.

Skin Contact:

If on skin: Wash with plenty of water. Call a poison center or doctor if you feel unwell.

Acute and delayed symptoms and effects: Dust may cause skin irritation. Signs/symptoms may include localized redness, swelling, and itching. Use personal protection recommended in Section 8.

Ingestion:

Not a normal route of exposure. If dust is swallowed: Call a poison center or doctor if you feel unwell. If vomiting occurs naturally, have victim lean forward to reduce the risk of aspiration. Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person.

Acute and delayed symptoms and effects: Not a normal route of exposure. Swallowing large amounts of dust may cause gastrointestinal irritation. Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea.

General Advice:

In case of accident or if you feel unwell, seek medical advice immediately (show the label or SDS where possible).

Note to Physicians: Symptoms may not appear immediately.

Section 5: FIRE-FIGHTING MEASURES

FLAMMABILITY AND EXPLOSION INFORMATION
Not flammable or combustible by OSHA/WHMIS criteria. Material will burn if involved in a fire.

Sensitivity to Mechanical Impact: This material is not sensitive to mechanical impact.
Sensitivity to Static Discharge: This material is not sensitive to static discharge.

MEANS OF EXTINCTION

Suitable Extinguishing Media: Small Fire: Dry chemical, CO_2, water spray or regular foam.

Large Fire: Water spray, fog or regular foam. Move containers from fire area if you can do it without risk.

Unsuitable Extinguishing Media: Not available.

Products of Combustion: Oxides of carbon. Oxides of sulphur. Oxides of calcium. Hydrogen chloride. Aromatic hydrocarbons. Chlorine. Oxides of boron.

Protection of Firefighters: Fire may produce irritating, corrosive and/or toxic gases. Runoff from fire control or dilution water may cause pollution. Wear positive pressure self-contained breathing apparatus (SCBA). Structural firefighters' protective clothing will only provide limited protection.

Section 6: ACCIDENTAL RELEASE MEASURES

Emergency Procedures: Keep unauthorized personnel away.

Personal Precautions: Use personal protection recommended in Section 8.

Environmental Precautions: Not necessary for panels. Keep dust out of drains, sewers, ditches, and waterways.

Methods for Containment: Not necessary for panels. Do not flush dust to sewer or allow to enter waterways.

Methods for Clean-Up: Not necessary for panels. Dust spills: sweep and shovel into suitable containers for disposal.

Other Information: See Section 13 for disposal considerations.

Section 7: HANDLING AND STORAGE

Handling:
Avoid breathing dust. Do not swallow. Minimize dust generation and accumulation. Handling and processing operations should be conducted in accordance with ‘best practices’ (e.g. NFPA-654). Wash hands thoroughly after handling. See Section 8 for information on Personal Protective Equipment.

Storage:
Routine housekeeping should be instituted to ensure that dusts do not accumulate on surfaces. Store away from incompatible materials. See Section 10 for information on Incompatible Materials. Keep out of the reach of children.

Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines
Component

Calcium sulfate dihydrate [CAS No. 13397-24-5]
ACGIH: 10 mg/m³ (TWA) (Inhalable.); 3 mg/m³ (TWA) (Respirable.); For Particles (Insoluble or Poorly Soluble) Not Otherwise Specified
OSHA: 15 mg/m³ (Total dust) (TWA), 5 mg/m³ (Respirable fraction) (TWA); For Particulates Not Otherwise Regulated (PNOR).

Cellulose, microcrystalline [CAS No. 9004-34-6]
ACGIH: 10 mg/m³ (TWA); (1985)
OSHA: 15 mg/m³ (Total dust) (TWA), 5 mg/m³ (Respirable fraction) (TWA);

2-Hydroxyethyl starch [CAS No. 9005-27-0]
ACGIH: 10 mg/m³ (TWA) (Inhalable.); 3 mg/m³ (TWA) (Respirable.); For Particles (Insoluble or Poorly Soluble) Not Otherwise Specified
OSHA: 15 mg/m³ (Total dust) (TWA), 5 mg/m³ (Respirable fraction) (TWA); For Particulates Not Otherwise Regulated (PNOR).

Vermiculite [CAS No. 1318-00-9]
ACGIH: 10 mg/m³ (TWA) (Inhalable.); 3 mg/m³ (TWA) (Respirable.); For Particles (Insoluble or Poorly Soluble) Not Otherwise Specified
OSHA: 15 mg/m³ (Total dust) (TWA), 5 mg/m³ (Respirable fraction) (TWA); For Particulates Not Otherwise Regulated (PNOR).

Polyvinyl chloride [CAS No. 9002-86-2]
ACGIH: 1 mg/m³ (TWA); A4; Respirable particulate matter (2007)
OSHA: 15 mg/m³ (Total dust) (TWA), 5 mg/m³ (Respirable fraction) (TWA); For Particulates Not Otherwise Regulated (PNOR).

Polyvinyl acetate [CAS No. 9003-20-7]
ACGIH: No TLV established.
OSHA: No PEL established.

Boric acid [CAS No. 10043-35-3]
ACGIH: 2 mg/m³ (TWA); 6 mg/m³ (STEL); A4; Inhalable particulate matter (2004)
OSHA: No PEL established.

PEL: Permissible Exposure Limit
TLV: Threshold Limit Value
TWA: Time-Weighted Average
STEL: Short-Term Exposure Limit

Engineering Controls: Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapour, gas, etc.) below recommended exposure limits.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Eye/Face Protection:	Wear safety glasses. Use equipment for eye protection that meets the standards referenced by CSA Standard CAN/CSA-Z94.3 and OSHA regulations in 29 CFR 1910.133 for Personal Protective Equipment.
Hand Protection:	Wear protective gloves. Consult manufacturer specifications for further information.
Skin and Body Protection:	Wear protective clothing.
Respiratory Protection:	During installation, wear a NIOSH/MSHA approved dust mask. During manufacturing processes, if engineering controls and ventilation are not sufficient to control exposure to below the allowable limits then an appropriate NIOSH/MSHA approved air-purifying respirator that meets the requirements of CSA Standard CAN/CSA-Z94.4 and OSHA regulations in 29 CFR 1910.134, with particulate filter, or self-contained breathing apparatus must be used.
General Hygiene Considerations:	Handle according to established industrial hygiene and safety practices. Consult a competent industrial hygienist to determine hazard potential and/or the PPE manufacturers to ensure adequate protection.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	White solid panels.
Colour:	White.
Odour:	Odourless.
Odour Threshold:	Not available.
Physical State:	Solid.
pH:	Not available.
Melting Point / Freezing Point:	Not available.
Initial Boiling Point:	Not available.
Boiling Range:	Not available.
Flash Point:	Not available.
Evaporation Rate:	Not available.
Flammability (solid, gas):	See Section 5.
Lower Flammability Limit:	Not available.
Upper Flammability Limit:	Not available.
Vapor Pressure:	Not available.
Vapor Density:	Not available.

Relative Density:	Not available.
Solubilities:	Insoluble in water.
Partition Coefficient: n-Octanol/Water:	Not available.
Auto-ignition Temperature:	Not available.
Decomposition Temperature:	Not available.
Viscosity:	Not available.
Percent Volatile, wt. %:	Not available.
VOC content, wt. %:	Not available.
Density:	Not available.
Coefficient of Water/Oil Distribution:	Not available.

Section 10: STABILITY AND REACTIVITY

Reactivity:	Contact with incompatible materials. Exposure to heat.
Chemical Stability:	Stable under normal storage conditions.
Possibility of Hazardous Reactions:	None known.
Conditions to Avoid:	Contact with incompatible materials. Exposure to heat. Generation of dust.
Incompatible Materials:	Oxidizers.

Hazardous Decomposition Products: Not available.

Section 11: TOXICOLOGICAL INFORMATION

EFFECTS OF ACUTE EXPOSURE

Product Toxicity

Oral: Not available.

Dermal: Not available.

Inhalation: Not available.

Component Toxicity

Component	CAS No.	LD_{50} oral	LD_{50} dermal	LC_{50}
Calcium sulfate dihydrate	13397-24-5	Not available.	Not available.	Not available.
Cellulose, microcrystalline	9004-34-6	> 5000 mg/kg (rat)	> 2000 mg/kg (rabbit)	> 5800 mg/m³ (rat); 4H
2-Hydroxyethyl starch	9005-27-0	Not available.	Not available.	Not available.
Vermiculite	1318-00-9	Not available.	Not available.	Not available.
Polyvinyl chloride	9002-86-2	Not available.	Not available.	Not available.

Polyvinyl acetate	9003-20-7	Not available.	Not available.	Not available.
Boric acid	10043-35-3	2660 mg/kg (rat)	Not available.	Not available.

Likely Routes of Exposure: Eye contact. Skin contact. Inhalation. Ingestion.

Target Organs: Skin. Eyes. Gastrointestinal tract. Respiratory system.

Symptoms (including delayed and immediate effects)

Inhalation: Not a normal route of exposure. Dust may cause respiratory irritation. Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain. Use personal protection recommended in Section 8.

Eye: Dust may cause eye irritation. Signs/symptoms may include redness, swelling, pain, tearing, and blurred or hazy vision. Use personal protection recommended in Section 8.

Skin: Dust may cause skin irritation. Signs/symptoms may include localized redness, swelling, and itching. Use personal protection recommended in Section 8.

Ingestion: Not a normal route of exposure. Swallowing large amounts of dust may cause gastrointestinal irritation. Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea.

Skin Sensitization: Not available.

Respiratory Sensitization: Not available.

Medical Conditions Aggravated By Exposure: Nuisance dust may aggravate pre-existing respiratory conditions or allergies.

EFFECTS OF CHRONIC EXPOSURE (from short and long-term exposure)

Target Organs: Skin. Eyes. Gastrointestinal tract. Respiratory system.

Chronic Effects: Prolonged or repeated contact may dry skin and cause irritation. Chronic inhalation of polyvinyl chloride dust can cause pulmonary damage, blood effects, and abnormal liver function.

Carcinogenicity: Product is not classified as a carcinogen. See Component Carcinogenicity table below for information on individual components.

Component Carcinogenicity

Component	ACGIH	IARC	NTP	OSHA	Prop 65
Polyvinyl chloride	A4	Group 3	Not listed.	Not listed.	Not listed.
Polyvinyl acetate	Not listed.	Group 3	Not listed.	Not listed.	Not listed.
Boric acid	A4	Not listed.	Not listed.	Not listed.	Not listed.

Mutagenicity: Not available.

Reproductive Effects: Boric acid was found to induce testicular atrophy and effects on spermatogenesis in rats and mice in various studies. Effects occurred at dose-levels (27 mg/kg) without general toxicity. However, ingestion of Boric acid from this material is highly unlikely.

Developmental Effects

Teratogenicity: Developmental effects were observed in mice, rats and rabbits after oral administration of boric acid. However, these effects were considered secondary to maternal toxicity (increased liver and kidney weight). Ingestion of Boric acid from this material is highly unlikely.

Embryotoxicity: Not available.

Toxicologically Synergistic Materials: Not available.

Section 12: ECOLOGICAL INFORMATION

Ecotoxicity: Not available.

Persistence / Degradability: Not available.

Bioaccumulation / Accumulation: Not available.

Mobility in Environment: Not available.

Other Adverse Effects: Not available.

Section 13: DISPOSAL CONSIDERATIONS

Disposal Instructions: Disposal should be in accordance with applicable regional, national and local laws and regulations. Local regulations may be more stringent than regional or national requirements.

Section 14: TRANSPORT INFORMATION

U.S. Department of Transportation (DOT)

Proper Shipping Name: Not regulated.

Class: Not applicable.

UN Number: Not applicable.

Packing Group: Not applicable.

Placard(s): Not applicable.

Canada Transportation of Dangerous Goods (TDG)

Proper Shipping Name: Not regulated.

Class: Not applicable.

UN Number: Not applicable.

Packing Group: Not applicable.

Placard(s): Not applicable.

Section 15: REGULATORY INFORMATION

Chemical Inventories

US (TSCA)

The components of this product are in compliance with the chemical notification requirements of TSCA.

Canada (DSL)
The components of this product are in compliance with the chemical notification requirements of the NSN Regulations under CEPA, 1999.

Federal Regulations

United States
This SDS has been prepared to meet the U.S. OSHA Hazard Communication Standard, 29 CFR 1910.1200.

SARA Title III

No components are listed.

State Regulations
Massachusetts
US Massachusetts Commonwealth's Right-to-Know Law (Appendix A to 105 Code of Massachusetts Regulations Section 670.000)

Component	CAS No.	RTK List
Calcium sulfate dihydrate	13397-24-5	Listed.
Cellulose, microcrystalline	9004-34-6	Listed.
Polyvinyl chloride	9002-86-2	Listed.
Polyvinyl acetate	9003-20-7	Listed.
Boric acid	10043-35-3	Listed.

New Jersey
US New Jersey Worker and Community Right-to-Know Act (New Jersey Statute Annotated Section 34:5A-5)

Component	CAS No.	RTK List
Calcium sulfate dihydrate	13397-24-5	Listed.
Cellulose, microcrystalline	9004-34-6	Listed.
Polyvinyl chloride	9002-86-2	Listed.

Pennsylvania
US Pennsylvania Worker and Community Right-to-Know Law (34 Pa. Code Chap. 301-323)

Component	CAS No.	RTK List
Calcium sulfate dihydrate	13397-24-5	Listed.
Cellulose, microcrystalline	9004-34-6	Listed.
Polyvinyl chloride	9002-86-2	Listed.
Boric acid	10043-35-3	Listed.

Section 16: OTHER INFORMATION

Disclaimer:
The information contained in this document applies to this specific material as supplied. It may not be valid for this material if it is used in combination with any other materials. It is the user's responsibility to satisfy oneself as to the suitability and completeness of this information for their own particular use.

Date of Preparation of SDS:	August 11, 2022
Version:	1.0
GHS SDS Prepared by:	**Aegis Regulatory Inc.**
	Phone: 1 (519) 488-0351
	www.aegisreg.com