



Safety Data Sheet 2020

Manufacturer / Distributor Information: 5 Star Finishes Ltd 200 4170 Still Creek Drive, Burnaby BC, Canada Telephone: (778) 682 4287 Prepared April, 2020 by 5 Star Finishes Ltd www.5starfinishes.ca

Product Identifier

SECTION 1. IDENTIFICATION

Product Identifier	Quartz Primer Exterior
Other Means of Identification	Sanded primer
Recommended Use	Exterior stucco walls, painted cementitious coatings, brick, stone etc
Restrictions on Use	Do not use on floors, swimming pools, shower stalls, countertops etc
Initial Supplier Identifier	5 Star Finishes Ltd
Emergency Telephone Number	778 682 4287

SECTION 2. HAZARD IDENTIFICATION

Classification Carcinogenicity-Category 1A Specific target organ toxicity, repeated exposure- Category 2

Label Elements



Signal Word Danger

Hazard Statements	May cause cancer May cause damage to organs through prolonged or repeated exposure
Other Hazards	None known
Prevention	Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves. Wear eye or face protection. Wear protective clothing. Do not breathe vapor.
Response	Get medical attention if you feel unwell. If exposed or concerned: Get medical attention.
Storage/Disposal	Store locked up. Dispose of contents and container in accordance with all local, regional, national and international regulations.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Concentration
Polymeric Resin	not available	40-60
Water	7732-18-5	40-50
Calcium Carbonate	1317-65-3	15-30
Titanium Dioxide	13463-67-74	2-10
Acrylic acid homopolymer	9003-04-7	1-5

Any concentration shown as a range is to protect confidentiality or is due to batch variation. There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health and hence require reporting in this section. Occupational exposure limits, if available, are listed in Section 8.

SECTION 4. FIRST-AID MEASURES

Most Important Symptoms and Effects, Acute and Delayed

Inhalation	If fumes, aerosols or combustion products are inhaled remove from contaminated area. Other measures are usually unnecessary.
Skin Contact	If skin or hair contact occurs: Flush skin and hair with running water (and soap if available). Seek medical attention in event of irritation.
Eye Contact	If this product comes in contact with eyes: Wash out immediately with water. If irritation continues, seek medical attention. Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.
Ingestion	Immediately give a glass of water. First aid is not generally required. If in doubt, contact a Poisons Information Centre or a doctor.
Immediate Medical Attention and Special Treatment	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. No action shall be taken involving any personal risk or without suitable training

SECTION 5. FIRE-FIGHTING MEASURES

Extinguishing Media Suitable	The product contains a substantial proportion of water, therefore there are no restrictions on the type of extinguishing media which may be used. Choice of extinguishing media should take into account surrounding areas. Though the material is non-combustible, evaporation of water from the mixture, caused by the heat of nearby fire, may produce floating layers of combustible substances. In such an event consider:
Extinguishing Media	

foam.	
Unsuitable Extinguishing Media	None known
Specific Hazards Arising from the Product	Decomposition of product could result in floating layers of combustible substances.
Special Protective Equipment and Precautions for Fire-Fighters	None known
Fire rating	0 Non combustible liquid

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions,	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
Protective Equipment, Emergency Procedures	None known
Method for Containment and Cleaning UP	Clean up all spills immediately. Avoid breathing vapours and contact with skin and eyes. Control personal contact with the substance, by using protective equipment. Contain and absorb spill with sand, earth, inert material or vermiculite. Water. Minor hazard. Clear area of personnel. Alert Fire Brigade and tell them location and nature of hazard. Control personal contact with the substance, by using protective equipment as required.

SECTION 7. HANDLING AND STORAGE

Precautions for Safe Handling	Some products are in 20 kg 5 gallon containers. Use appropriate care in lifting / handling heavy materials. Limit all unnecessary personal contact. Wear protective clothing when risk of exposure occurs. Use in a well-ventilated area. When handling DO NOT eat, drink or smoke.
Conditions for Safe Storage	Store in original containers. Keep containers securely sealed. Store in a cool, dry, well-ventilated area. Store away from incompatible materials and foodstuff containers. Please store in Polyethylene or polypropylene container. Check all containers are clearly labelled and free from leaks. Storage incompatibility Avoid reaction with oxidising agents

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

Chemical Name	ACGIH® TLV®	OSHA PEL
Calcium carbonate	10 mg/m ³	15 mg/m ³ (total); 5 mg/m ³ (resp)

Appropriate Engineering Controls Individual Protection Measures	None known Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing.. :
Eye/Face Protection	Ensure that eyewash stations and safety showers are close to the workstation location. Eye/face protection Skin protection Hand protection Body protection : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with sideshields
Skin Protection	Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated. : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. Other skin protection : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
Respiratory Protection	Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Liquid white
Odour	Mild odor vinyl acetate
Odour Threshold	No information found
pH	Not available
Melting Point and Freezing Point	No information found
Initial Boiling Point and Boiling Range	212 C
Flash Point	No information found
Evaporation Rate	No information found
Flammability (solid, gas)	Fire rating 0 (non combustible)
Upper and Lower Flammability or Explosive Limit	4662 F melting point
Vapour Pressure	2300 mm Hg
Vapour Density (air = 1)	No information found
Relative Density (water = 1)	1-1.2
Solubility in Water	Soluble in water
Solubility in Other Liquids	No information found
Partition Coefficient, n-Octanol / Water (Log Kow)	No information found

Auto-ignition Temperature	None
Decomposition Temperature	Not information ound
Viscosity	No information found
VOC	1.1g/L VOC

SECTION 10. STABILITY AND REACTIVITY

Reactivity	No specific test data related to reactivity available for this product or its ingredients. :
Chemical Stability	Unstable in the presence of incompatible materials. Product is considered stable. Hazardous polymerisation will not occur.
Possibility of Hazardous Reactions	Under normal conditions of storage and use, hazardous reactions will not occur. Air, dusting, and incompatibles.
Conditions to Avoid Incompatible Materials	See section 7
Hazardous Decomposition Products	See section 7
	See section 7
	See section 5

SECTION 11. TOXICOLOGICAL INFORMATION

Likely Routes of Exposure

1 Inhalation 3 Skin contact 2 Eye contact 1 Ingestion (1- low 5-high)

Acute Toxicity

LC50

LD50 (oral)

Oral (rat) LD50: >90000 mg/kg

LD50 (dermal)

No information found

Notes

Skin Corrosion / Irritation

No significant acute toxicological data found

Serious Eye Damage / Irritation

STOT (Specific Target

Organ Toxicity) -

Single Exposure

Aspiration Hazard

STOT (Specific Target

Organ Toxicity) -

Repeated Exposure

Respiratory and/or

Skin Sensitization

Carcinogenicity

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

Ingredient Endpoint Test Duration (hr) Species Value Source
water EC50 384 Crustacea 199.179mg/L 3

water EC50 96 Algae or other aquatic plants 8768.874mg/L 3

water LC50 96 Fish 897.520mg/L 3

Legend:

Extracted from 1. IUCLID Toxicity Data 2. Europe ECHA Registered Substances - Ecotoxicological Information - Aquatic Toxicity 3. EPIWIN Suite V3.12 Aquatic Toxicity Data (Estimated) 4. US EPA, Ecotox database - Aquatic Toxicity Data 5. ECETOC Aquatic Hazard Assessment Data 6. NITE (Japan) Bioconcentration Data 7. METI (Japan) - Bioconcentration Data 8. Vendor Data

Persistence and Degradability	low
Bioaccumulative Potential	Low (LogKOW = -1.38)
Mobility in Soil	LOW (KOC = 14.3)
Other Adverse Effects	Information not found

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal Methods This material must be disposed of in accordance with all local, provincial, and federal regulations. Recycle all paper bags, plastic pales and lids in appropriate recycling facilities. DO NOT allow wash water from cleaning or process equipment to enter drains. It may be necessary to collect all wash water for treatment before disposal. In all cases disposal to sewer may be subject to local laws and regulations and these should be considered first. Where in doubt contact the responsible authority. Recycle wherever possible. Consult manufacturer for recycling options or consult local or regional waste management authority for disposal if no suitable treatment or disposal facility can be identified. Dispose of by: burial in a land-fill specifically licenced to accept chemical and / or pharmaceutical wastes or incineration in a licenced apparatus (after admixture with suitable combustible material). Decontaminate empty containers.

SECTION 14. TRANSPORT INFORMATION

Freight Class: HLand transport (ADG): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS
Air transport (ICAO-IATA / DGR): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS
Sea transport (IMDG-Code / GGVSee): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS (Harmonized Tariff): 3208-20 paints

SECTION 15. REGULATORY INFORMATION

Safety, Health and Environmental Regulations The components of this mixture are listed or are exempt from listing in the Toxic Substance Control Act Inventory of Chemical Substances. This product does not contain any chemicals that would require export notification. This product contains no: Cadmium (Cd), Chromium (Cr), Lead (Pb), Tin (Sn), nor any organic elements that can cause cancer. This product contains no ozone-depleting compounds.

SECTION 16. OTHER INFORMATION

Date of Latest May 14/2020

Revision

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