



WAYON

— STONE —

威洋·石材

MATERIAL SAFETY DATA SHEET

SEP. 2016

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1. PRODUCT AND COMPANY IDENTIFICATION

Guangdong Wayon industry Co., Ltd.

Address: No. F02 Building, Middle Area of CCIH, No.68 Jihua Xi Road, Foshan

Postcode: 528000

Telephone: +86 757 82568296

Fax: +86 757 82568296

E-mail: fs@wayon.com

Website: www.wayon.com

Product name: Wayon quartz

2. COMPOSITION/ INFORMATION ON INGREDIENTS

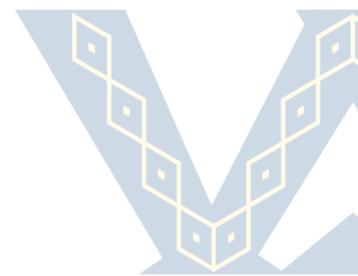
Component	Composition (%)
Crystalline(quartz)	About 90
Polymeric Resin	7-12
Pigment and trace minerals	About 2

3. HAZARDS IDENTIFICATION

Wayon Quartz are safe for delivery, storage and Certified by NSF for food safety (ANSI 51), GREENGUARD, GREENGUARD GOLD for indoor air quality safety.

However, dust and powder generated from fabrication and installation may cause irritation to skin, eyes, nose, and airways.

Do not breathe dust generated while cutting, milling, and polishing processes. Eating and drinking are not allowed when handling this material. Please wash hands and face thoroughly after handling.



4. FIRST AID MEASURES

If any unwanted contact with dust and powder, please follow these guidelines:

Skin: Remove exposed or contaminated clothing immediately, wash skin with soap and water. Seek medical aid if any serious effect occurs.

Eyes: Flush eyes with large amounts of water for 15 minutes immediately. Seek medical aid if any serious effect occurs. Always use eye shields when cutting or milling the product.

Dizziness: Take the affected person to a fresh air or a well-ventilated area.

Inhalation: Move the affected person from the hazardous environment. If breathing is difficult or choking, seek medical aid or assistance as soon as possible.

5. FIRE FIGHTING MEASURES

Wayon quartz is nonflammable and has no explosion danger.

In the event of fire, any extinguishing-media (water, dry-powder, CO₂ and foam) is suitable.

6. ACCIDENTAL DAMAGE MEASURES

If Wayon quartz is broken accidentally, the waste should be disposed in a proper way and follow the local regulations and laws for waste disposal.

If large amount of dust and powder occur while cutting or milling, make the contaminated area wet to avoid the dust and powder causing air pollution. If large amount of this material enter the river or waterway, please contact the local Environmental Protection Organization.

7. HANDLING AND STORAGE

Handling:

Handle the quartz slab with care. Wayon quartz is very heavy and fragile. While handling, always use safe handling devices (cranes, hoists, slings etc.), observe all safety handling measures and disposal regulations for the stone industry.

Also use proper personal protection equipment, wear helmet, safety footwear, protective gloves. Keep a safe distance when handling or lifting.

Storage:

No more than 20 slabs or prefabricated countertops on Rack or A-frame.

No outdoor storage.

No exposure to sun and rain.

8. CARE & MAINTENANCE

DAILY CLEAN

Just use water, dish soap, and paper towel or a damp sponge to absorb any spills after food preparation. If needed, use any non-abrasive cleaner. Be sure to dry the area thoroughly with a clean cloth.

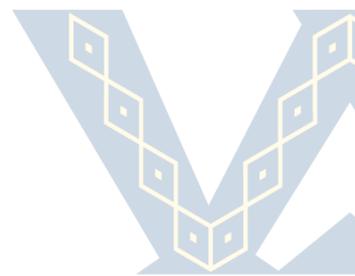
TOUGH SPOTS

- Leave any of the above cleaners to set on the affected area for a few minutes;
- Scrub the area gently with a non-scratch pad in circular movement;
- Rinse with clean water thoroughly;
- Dry thoroughly.

ADHERED MATTERS (gums, nail polish, paint, etc.)

- simply scrape it away with a sharp blade or a sharp plastic scraper.
- Rinse with clean water thoroughly;
- Dry thoroughly.
- For any gray marks left, use the cleanser and knife repeatedly

Although Wayon quartz does not require special maintenance, as same as any items, excessive damages will harm the product itself. Wayon quartz will be very durable with only a bit of daily maintenance.



9. PHYSICAL AND CHEMICAL PROPERTIE

TEST ITEM	Unit	Required Standard	Test Result
Water Absorption	%	≤0.10	0.047~0.073
Compressive Strength(Dry)	MPa	≥150	159~206
Flexural Strength(Dry)	MPa	≥30	32~50.2
Abrasion Resistance	l/cm ³	≥50.0	70
Moh'S Hardness	-	≥5	6~7
Density	g/cm ³	-	2.36~2.45
Radioactivity	-	≤1	IRa<0.1 Iy<0.1

10. STABILITY AND REACTIVITY

CAUTION

- Do not apply any sealer. Wayon quartz surface does not need to be sealed.
- Do not use abrasive scrubs.
- Do not use harsh chemicals, or abrasive oven and plumbing cleaners. These chemicals will dull the surface finish.
- Do not use products containing oils or powders because they leave residues.
- Do not use knives directly on the quartz surface. Always use a cutting board.
- Do not place hot pots, pans, or electric skillet directly on the surface. Always use trivets or pads. Extreme heat may cause thermal shock and crack the surface in long term.
- Minimize direct sun exposure to Wayon quartz. Long-term exposure to direct sunlight may discolor surface finish.
- Wayon quartz is only for interior applications.



11. TOXICOLOGICAL INFORMATION

Dust generated during manufacturing contains crystalline silica (SiO₂), which may be inhaled. Prolonged and massive inhalation of crystalline silica may cause pulmonary diseases.

While polishing, please always do equip proper personal protection equipment, wear helmet, safety footwear, protective gloves.

12. ECOLOGICAL INFORMATION

- Certified by NSF for food safety (ANSI 51): Wayon quartz surfaces are directly contactable with food
- GREENGUARD Certified for indoor air quality safety: chemical emissions are scientifically proven to meet some of the world's most rigorous third-party chemical emissions standards.
- CQC China's quality environmental certification: Production quality met the ISO90011: 2000 "Quality Management System Requirements"
- CE Safety Certification Marks: regarded as the passport for manufacturers to enter the European market (Service provided by SGS Certification)

13. DISPOSAL CONSIDERATIONS

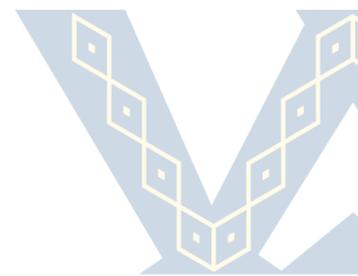
Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility.

Discard and dispose in accordance with federal, state, and local laws and regulations.

Wayon quartz is not classified as hazardous waste.

14. TRANSPORT INFORMATION

Wayon quartz is not regarded as dangerous according to air, sea and land transport regulations and laws. Quartz is not regulated type of hazard, ID number and Groupage.



15. REGULATORY INFORMATION

Fire Hazard	No
Reactive Hazard	No
Release of-Pressure	No
Acute Health hazard	No

16. OTHER INFORMATION

Frequently Asked Question

1. How durable is Wayon quartz?

Wayon quartz is resistant to cracks, scratches and stains. However, like most materials, excessive forces or pressure from objects can damage the surface.

Wayon quartz is resistant to most stains caused by fruit juices, colored liquids, coffee, tea, wine, grapes and soft drinks.

2. Do I need to apply a sealer to Wayon quartz?

No need. As a non-porous surface, Wayon quartz surface does not need to be sealed.

3. Can I cut directly on my Wayon quartz countertop?

Wayon quartz surfaces are highly scratch resistant, common kitchenware like sharp knives won't harm the surfaces; however, please avoid using sharp objects such as sharp knives or screwdrivers directly on the surface frequently, which could dull the polished surface. The cutting board is always recommended for cutting.

4. How do I maintain Wayon quartz's natural beauty?

We recommend a thorough cleaning of your Wayon quartz surface on a regular basis (because the patina can be compromised from greasy cooking smoke) to keep the surface as beautiful as the day it was installed.

5. How does Wayon quartz withstand heat?

Wayon quartz is structurally more heat resistant in comparison to other stones, such as granite. However, any stone material can be potentially damaged by sudden and rapid temperature changes, especially the edges.

Wayon quartz surfaces are designed and manufactured to withstand moderate heat and the product is not heat proof. We always recommend using a pad or trivet when setting down hot pans or cooking plates on your countertops. We do not advise putting hot cookware directly on Wayon quartz surfaces.

6. Are there any chemicals or cleaners to avoid using?

We recommend using cleaning products between pH 5-8, otherwise the surface may be damaged. It is advisable not to use strong acid, oven grill cleaners, floor strippers, toilet bowl cleaners, oil soaps, tarnish removers, furniture cleaners, drain products, and etc.

7. How should I remove tough or dried spills?

For tough spots, apply detergent with neutral pH (pH is between 5 and 9) on a damp cloth or sponge, and rinse after cleaning.

In the case of food, chewing gum, nail-polish, paint or any other foreign matter found sticking to the top/floor, simply scrape it away with a sharp blade or a sharp plastic scraper, then wash and rinse the surface as usual.

