

## MORTAR MATCH

MORTAR MATCH is a highly elastic, non-structural finish formulated from 100 percent pure acrylic resins. It was specifically developed to seal existing mortar joints and other construction related areas where maximum elasticity or moisture protection is required and/or where a textured appearance is desired.



## USES

### New Construction

MORTAR MATCH is used as a weather-tight seal over new mortar joints where a positive, flexible seal is needed and a neat, mortar textured finish is desired.

### Restoration

MORTAR MATCH is an excellent restoration/repair product for previously applied mortar. Its elasticity is ideal for sealing over cracked and deteriorated mortar joints, eliminating air and water infiltration.

## ADVANTAGES

- **Unsurpassed Elasticity**  
Capable of stretching 50% of applied width.
- **Stays Flexible**  
Withstands repeated expansion and contraction caused by severe temperature extremes and moisture.
- **Impenetrable Seal**  
Adheres permanently to surfaces to form an airtight seal that prevents air and water infiltration.
- **Durable**  
Forms a tough, protective, damage resistant surface that will remain in place for many years. Will not tear or pull away.
- **UV Resistant**  
Resists ultraviolet degradation and has superior color retention.
- **Non-Toxic**  
May be used safely on the interior as well as the exterior. No odor when dry.
- **Warranty**  
Carries a limited lifetime warranty.



Sealants & Coatings  
Technologies, Inc.

[www.palladiumsct.com](http://www.palladiumsct.com)

## TECHNICAL INFORMATION

### Available Colors

MORTAR MATCH is available in a wide range of colors to either imitate the traditional look of mortar or to blend in with the tones of the brick or stone. Custom colors are also available.

### Texture

MORTAR MATCH is available in a semi matte sand texture. The product can be tooled to achieve a semi-smooth to rough finish.

### Recommended Thickness

Finish troweled thickness should be approximately 5/16" – 1/4" over existing mortar joints. The thickness can be increased from 3/16" – 1/4" across the face of the joint if a backer rod is used.

### Physical Properties

<b>Composition</b>	Textured Acrylic Latex
<b>Viscosity</b>	Trowel Grade
<b>Density</b>	14.5 lbs./gal.
<b>pH</b>	8.5-9
<b>VOC</b>	8 g/l
<b>% Solids</b>	84%
<b>Elongation</b>	50%
<b>Temperature Range</b>	-40°F. to 250°F.
<b>Odor</b>	Odorless When Dry
<b>Toxicity</b>	Non-Toxic
<b>Shelf Life</b>	2 Years
<b>Stability</b>	Salt Spray Stable
<b>Test Procedure</b>	ASTM-C834

### Coverage

The coverage guide on the back of this page is offered to assist in estimating coverage and quantities required. Measure the total number of linear feet and estimate the average width of the finished joint, both interior and exterior.

### Dry Time

MORTAR MATCH will be skinned over in approximately 30 minutes and will be surface dry within 8-10 hours under normal conditions. It will be fully cured in 7-10 days. Actual times will vary depending on temperature and relative humidity. MORTAR MATCH should be protected from contact damage for at least 1 week after application.

### Packaging

MORTAR MATCH is available in 5 gallon pails and 10.3 oz. cartridges.

### Storage

MORTAR MATCH must be protected from freezing and stored in temperatures that do not exceed 90°F. Do not store in direct sunlight. Opened container may be stored by floating a thin film of water (1/16") on the surface of the material, covering it with plastic and tightly relidding the container.

### Clean Up

Immediately clean up uncured MORTAR MATCH with soap and water. Do not allow material to dry on tools, caulking guns, pump or clothing. If the material is allowed to dry, it may need to be removed with a solvent.

**Manufacturing Facility: Sealants & Coatings Technologies**

106 Industrial Way | Charlestown, IN 47111

800-899-3301 | Fax: 812-256-2344 | [www.palladiumsct.com](http://www.palladiumsct.com)

# APPLICATION GUIDELINES

**READ AND FOLLOW ALL LABEL INSTRUCTIONS PRIOR TO APPLICATION OF THIS PRODUCT.**

## Surface Preparation

Surface must be dry, clean, structurally sound and free from grease, paraffins, oils, urethanes, or other contaminants that could inhibit the ability of the material to bond to the substrate. Any finish, whatever the composition, may be incompatible with MORTAR MATCH if the finish deposits a heavy film on the substrate. MORTAR MATCH must be able to bond to the substrate. If a film forming sealer is already applied to the substrate, it must be removed prior to application of the material.

**NOTE: Some finishes will leave a film on the surface that can adversely affect the adhesion of the MORTAR MATCH. Finishes that contain oils, petroleum distillates, paraffins, urethanes, or any other finish that is film forming or very freshly applied may not allow the MORTAR MATCH to properly bond.**

**If you are in doubt as to the compatibility of MORTAR MATCH with a previously applied preservative or sealer, please contact Sealants & Coatings Technologies, Inc. technical support prior to the application of MORTAR MATCH.**

## Application Temperature

MORTAR MATCH should not be applied when temperatures are below 40°F. or when subfreezing temperatures are expected within 48 hours of application. Avoid application of MORTAR MATCH in rain or when rain is imminent. When applying MORTAR MATCH in very hot weather, it is recommended that the material be applied to the shaded side of the house.

**NOTE: There may be occasions when application of MORTAR MATCH in subfreezing temperatures is unavoidable. In such cases, contact your Sealants & Coatings Technologies, Inc. representative for specific recommendations. DO NOT APPLY ON FROZEN SURFACES! MORTAR MATCH should not be applied to hot or sun-baked surfaces. Try to apply to cool or shaded surfaces.**

## Application

MORTAR MATCH can be applied with a bulk loading caulking gun or 10.3 oz. cartridge gun. **Do not thin this product with water.** Apply a bead of MORTAR MATCH as needed to cover the joint. Apply uniform pressure to the trigger to form a smooth, even bead. Tool bead to a smooth finish. The tooled bead should be firmly troweled into edges to ensure complete edge adhesion. For best results, cured beads should be between 1/8" and 1/4" deep. For best performance the substrate should be sealed **after** the MORTAR MATCH has been applied and properly cured.

**NOTE: To tool bead use a trowel and spray back of trowel with release agent (50/50 water and isopropyl alcohol). This will allow the trowel to glide smoothly over the material.**

## WHERE NOT TO USE MORTAR MATCH

- **Horizontal surfaces such as driveways, sidewalks, patios or constantly wet surfaces.**
- **Basement foundation walls where water seepage is imminent or ongoing.**
- **Surfaces in direct contact with open flame or temperatures in excess of 250°F.**

## AVAILABILITY/SUPPORT

Sealants & Coatings Technologies, Inc. products are available from the manufacturing plant located in southern Indiana, as well as a global network of distribution partners. Visit our website to locate a distributor nearest you.

Sealants & Coatings Technologies, Inc. will gladly provide technical support upon request.

## LIMITED WARRANTY

### Warranty Statement:

Sealants & Coatings Technologies, Inc. (SCT) warrants satisfactory results from the use of MORTAR MATCH when installed in accordance with the application instructions provided by SCT.



### Exceptions:

This warranty does not cover failures due to the following: Fire, flood, natural disaster or any acts of God; improper storage, handling or installation; plumbing leaks, faulty construction or settling that would exceed the material's normal elasticity.

### Claims Notification:

Notification of claims must be made in writing to SCT and accompanied by the sales receipt. If MORTAR MATCH is proved to have failed, SCT, at its own discretion, will replace the failed material or refund the purchase price of the material only. SCT reserves the right to inspect the jobsite by an authorized representative prior to the settlement of any claims.

SCT's sole and complete responsibility for proved material failure is as set forth in this warranty. SCT will not be responsible for incidental, indirect or consequential damages including reinstallation labor. The user is solely responsible for determining the suitability of this product for its intended use prior to application. User assumes all risk and liability in connection therewith. Questions concerning this warranty should be directed to the nearest SCT representative.

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## ESTIMATING GUIDE FOR MORTAR MATCH

Finished Joint Width	5 Gallon Pail	10.3 oz. Cartridge
1/2" @ 1/8" thickness	1385'	23'
1" @ 1/8"-3/16" thickness	643' - 462'	13.5' - 9'
1 1/4" @ 1/8"-3/16" thickness	554' - 400'	11' - 7'
1 1/2" @ 1/8"-1/4" thickness	463' - 231'	9' - 5'
1 3/4" @ 1/8"-1/4" thickness	396' - 198'	8' - 5'
2" @ 3/16"-1/4" thickness	230' - 173'	5' - 4'
2 1/2" @ 3/16"-1/4" thickness	185' - 139'	4' - 3'

**Estimated numbers are actual mathematical conversions multiplied by 0.90 to give a 10% waste factor.**

# Safety Data Sheet – Mortar Match Joint Sealant 1030

Globally Harmonized System of Classification and Labeling of Chemicals (GHS)

Effective Date: October 27, 2016



## 1. SUBSTANCE/PREPARATION AND COMPANY IDENTIFICATION

**Name of Product:** Mortar Match Joint Sealant

**Product Code:** 1030

**Other Means of Identification:** Viscous Liquid

**Recommended Use:** Sealant

**Supplier Information:**

**Company:** Sealants & Coatings Technologies, Inc.  
106 Industrial Way  
Charlestown, IN 47111

**Company Phone Number:** 800-899-3301 (8:00 a.m. - 4:30 p.m. EST)

**Emergency Phone Number:** 812-256-3767

## 2. HAZARDS IDENTIFICATION

### GHS Classifications

HAZARD	CATEGORY	SIGNAL WORD	HAZARD STATEMENT	SYMBOL
Physical Hazards	None, not flammable	None	None	None
Health Hazards Acute Toxicity	5	Warning	H303, May be harmful if swallowed	None
Skin Corrosion/ Irritation	2	Warning	H315, Causes skin irritation	Exclamation Mark
Eye Irritation	2A	Warning	H319, Causes serious eye irritation	Exclamation Mark
Carcinogenicity	1A	Danger	May cause cancer when inhaled	Health Hazard

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## 2. HAZARDS IDENTIFICATION, continued

**Emergency Overview:** Warning! Contains small amounts of petroleum solvent and ammonia which may be irritating to the eyes, nose, throat and lungs. Irritating to the skin.

**Route of Entry:** Inhalation: yes. Skin: yes. Ingestion: yes. Eyes: yes.

**Carcinogenicity:** NTP: yes. IARC: yes. OSHA: no. Product contains quartz silica bound into the matrix but is not available to the user due to the high viscosity of the mixture. However, the intrinsic amount causes it to be categorized as a carcinogen. Spraying the product can cause dry overspray to occur resulting in availability of the quartz silica to the user. Also, there is a possibility that the product may be sanded once dried, liberating quartz and being breathed by the user. Product also contains <2% Titanium Dioxide which is bound into the matrix. Titanium Dioxide has been found to cause cancer in animals when it is unbound (blowing freely in the air) which is not the case in this product but if it was sanded would then be available to the user.

**Reproductive Toxicity:** No reproductive toxicants over 1% in formula.

**Specific Target Organ Systemic Toxicity (TOST):** Single Exposure: Irritating to the skin and eyes and respiratory tract. Prolonged exposure will affect the nervous system, causing nervous system depression.

### Effects of Exposure: Acute:

**Eye:** H319: Causes serious eye irritation.

**Skin:** Category 2. Causes skin irritation. Reversible adverse effects in dermal tissue within the observation period, usually 14 days.

**Inhalation:** Excessive inhalation of vapors can cause nasal and respiratory irritation, dizziness, weakness, fatigue, nausea, and headache. High concentrations may result in narcosis (central nervous system depression). Intentional inhalation in concentrated form (huffing) may lead to brain damage and death. If the product is being sprayed, the dry overspray inhalation can lead to silicosis and cancer over an extended period of time.

**Ingestion:** Can cause gastrointestinal irritation, nausea, vomiting, and effects of overexposure.

### Signs and Symptoms of Overexposure:

**Health Hazard:** Diarrhea. Dermatitis. Cancer and/or silicosis if dried product is sanded and breathed for an extended period of time.

**Medical Conditions Aggravated by Exposure:** Asthma. Dermatitis.

### LABELING:

**Product Identifier:** Mortar Match Joint Sealant

**Signal Word:** Danger

**Hazard Statements:** H303, may be harmful if swallowed. H315, causes skin irritation. H319, causes serious eye irritation. H350, may cause cancer when inhaled.

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## 2. HAZARDS IDENTIFICATION, continued

### PRECAUTIONARY STATEMENTS:

**P201:** Obtain special instructions before use.

**P202:** Do not handle until all safety precautions have been read and understood.

**P261:** Avoid breathing gas/mist/vapours/spray.

**P280.** Wear protective gloves.

**P281.** Use personal protective equipment as required.

**Causes Skin and Eye Irritation.** Do not breathe vapors or mist. Use only with adequate ventilation. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling.

### FIRST AID:

**Eyes:** Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.

**Skin:** In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash clothes before reuse. Get medical attention if irritation develops and persists.

**Company Name:** Sealants & Coatings Technologies, Inc.

**Address:** 106 Industrial Way  
Charlestown, IN 47111

**Phone Number:** 800-899-3301

**HAZARDS:** (Liquid) Serious skin and eye irritant.

### Pictograms on the label:



**WARNING:** May cause damage to central nervous system through prolonged or repeated inhalation.

**WARNING:** May cause respiratory irritation when inhaled.

### Hazard Statements:

**H303** May be harmful if swallowed.

**H315** Causes skin irritation.

**H319** Causes serious eye irritation.

**H350** May cause cancer when inhaled.

### Precautionary Statements:

**P261** Avoid breathing dust/fume/gas/mist/vapours/spray.

**P305+P351+P338** IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

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## 3. COMPOSITION/INFORMATION ON HAZARDOUS INGREDIENTS

Hazardous Ingredients	CAS#	Percent w/w	OSHA PEL
Quartz (SiO <sub>2</sub> )	14808-60-7	<65%	0.3mg/m <sup>3</sup> total dust
Titanium Dioxide	13463-67-7	<2%	15mg/m <sup>3</sup> nuisance dust

Note: Further safety information can be found in subsequent sections.

## 4. FIRST AID MEASURES

**General Information:** Discard contaminated clothing immediately.

**Eye:** Flush with clean, lukewarm water for at least 15 minutes, occasionally lifting eyelids.  
Obtain medical attention.

**Skin:** Remove contaminated clothing. Wash affected skin areas thoroughly with soap and water.  
Wash contaminated clothing thoroughly before reuse.

**Inhalation:** Remove to fresh air. Apply artificial respiration/administer oxygen if necessary. Call physician immediately. If person is unconscious, transport affected person in reclined position.

**Ingestion:** Keep person warm and quiet. Get immediate medical attention. Do not induce vomiting.  
Never give anything orally to an unconscious person. Drink several glasses of water to dilute the product in the stomach.

## 5. FIRE FIGHTING MEASURES

**Flammability Summary (OSHA):** Not Flammable (Waterborne)

**Flash Point Method:** Setaflash.

**Flash Point:** Greater than 200°F (93°C) (Setaflash)

**Unusual Fire/Explosion Hazards:** Keep containers tightly closed. Isolate from heat, electrical equipment, sparks and open flame. Closed containers may explode when exposed to fire due to pressure buildup.

**Extinguishing Media:** Not flammable.

**Fire Fighting Instructions:** Water spray may be used for cooling containers to prevent possible build up and auto ignition/explosion when exposed. Guard against toxic gases released by fire. If safe, remove containers from fire zone.

**Products of Combustion:** Carbon Dioxide, Carbon Monoxide, Water Vapor.

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## 6. ACCIDENTAL RELEASE MEASURES

Scoop up the high viscosity paste using appropriate tools and put in containers. Wash the residue with soap and water to keep slipping from happening.

**Waste Disposal Methods:** Waste material must be disposed of in accordance with federal, state and local environment regulatory controls.

## 7. HANDLING AND STORAGE

**Handling:** Use drum trucks and pallet jacks to move drums and cans.

**Drums:** Protect against physical damage.

**Bulk:** Storage should be in standard lidded storage tanks.

**Other Precautions:** Clean up spills quickly to prevent slipping on the wet surface.

## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

**Respiratory Protection:** Use NIOSH/MSHA approved self-contained breathing apparatus where vapor concentration may be above TLV limits. Below TLV limits use NIOSH/MSHA approved vapor respirator or an airline respirator with escape bottle provisions.

**Ventilation:** Local exhaust must be sufficient to keep airborne vapor concentrations below TLV limit. Exhaust air may need to be cleaned by scrubbers.

**Protective Gloves:** Chemical resistant gloves.

**Eye Protection:** Chemical workers' goggles.

**Other Protective Equipment:**

**Eye Bath and Safety Shower:** To prevent repeated or prolonged skin contact wear impervious clothing and boots. Wash skin with soap and water.

**Work Hygiene Practices:** Wash hands and clothing after exposure.

**Supplemental Safety and Health:** First aid procedures: Vomit can cause chemical pneumonia which can be fatal.

**Ventilation:** Filters to reduce environmental contamination.

**Effects of Overexposure:** Irritating to respiratory system. Mild, reversible liver effects, liver abnormalities.

**Exposure Limits:**

Hazardous Ingredients	CAS#	Percent w/w	OSHA PEL
Quartz (SiO <sub>2</sub> )	14808-60-7	<65%	0.3mg/m <sup>3</sup> total dust
Titanium Dioxide	13463-67-7	<2%	15mg/m <sup>3</sup> nuisance dust

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical State:** Liquid.

**Color:** Various colors.

**Odor:** Slight.

**Odor Threshold:** Not available.

**pH Value:** 8.5 to 9.4.

**Melting Point:** **Odor:** Not available.

**Evaporation Rate:** Slower than ether.

**Freezing Point:** Not available.

**Initial Boiling Point:** 100°C (212°F)

**Auto Ignition Temperature:** 395°C (743°F).

**Bulk Density:** Approximately 14.77 pounds per gallon.

**Flash Point:** >200°F PMCC.

**Upper Explosion Limit:** Not established.

**Lower Explosion Limit:** Not established.

**Solubility in Water:** Miscible

**Specific Gravity:** 1.77 @20C(68F).

**Weight per Gallon:** 14.77 +/- 0.15 pounds

**VOC:** 0.09 pounds per gallon less water (11 g/l)

## 10. STABILITY AND REACTIVITY

**Stability and Reactivity Summary:** Stable under normal conditions.

**Reactive Properties:** Strong acids and bases will attack the polymer.

**Sensitivity to Mechanical Shock:** None.

**Hazardous Polymerization:** Will not occur.

**Conditions to Avoid:** Do not heat closed containers.

**Chemical Incompatibility:** Strong oxidizing agents.

**Hazardous Decomposition Products:** CO, CO<sub>2</sub>.



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## 11. TOXICOLOGICAL INFORMATION

Hazardous Ingredients	CAS#	Percent w/w	LD50
Quartz (SiO <sub>2</sub> )	14808-60-7	<65%	0.3mg/m <sup>3</sup> total dust
Titanium Dioxide	13463-67-7	<2%	15mg/m <sup>3</sup> nuisance dust

## 12. ECOLOGICAL INFORMATION

Hazardous Ingredients	CAS#	Percent w/w	LD50 Oncorhynchus mhykiss (rainbow trout)
Quartz (SiO <sub>2</sub> )	14808-60-7	<65%	Low toxicity to fish
Titanium Dioxide	13463-67-7	<2%	Low toxicity to fish

**Environmental Toxicity:** Some parts are not persistent in the environment. Ecotoxicity Classification criteria is between 1 and 100 for some of the ingredients. Some ingredients are carbon based and are eventually degraded by bacteria when placed in water or soil.

## 13. DISPOSAL CONSIDERATIONS

Care must be taken to avoid environmental contamination from the use of this material. The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all relevant local, state and federal laws.

**Waste Disposal Summary:** Dispose as a hazardous chemical.

**Disposal Methods:** Dispose of in accordance with local, state and federal regulations. Incineration is preferred.

## 14. TRANSPORT INFORMATION

**US Ground (DOT):** Not regulated for transportation.

**Canada (TDG):** Not regulated for transportation.

**IMO:** Not regulated for transportation.

**IATA/ICAO:** Not regulated for transportation.

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## 15. REGULATORY INFORMATION

### UNITED STATES:

**Toxic Substances Control Act (TSCA):** The components of this product are listed on the TSCA Inventory of Existing Chemical Substances.

**Superfund Amendments and Reauthorization Act (SARA) Title III:** CAS# 108-05-4 Vinyl Acetate is present in a de minimis amount.

**Sections 311/312 Hazard Categories:** (40 CFR 370.2)

**Immediate/Acute Health Hazard:** Yes.

**Delayed/Chronic Health Hazard:** Yes.

**Fire Hazard:** No.

**Pressure Hazard:** No.

**Reactivity Hazard:** No.

### FEDERAL AND STATE REGULATIONS:

**California Prop 65:** The following chemicals have been determined by the Sate of California to cause cancer in laboratory animals and are available in trace amounts in this product:

Chemical	CAS Number	Notes
Quartz (SiO <sub>2</sub> )	14808-60-7	<65% in bound matrix and not available to the user. This falls under the Safe Harbor Rule.
Titanium Dioxide	13463-67-7	<5% in bound matrix and not available to the user. This falls under the Safe Harbor Rule.
Formaldehyde	50-00-0	<0.006% in bound matrix and not available to the user. This falls under the Safe Harbor Rule.
Acetaldehyde	75-07-0	<0.0008% in bound matrix and not available to the user. This falls under the Safe Harbor Rule.
Acrylamide	79-06-1	<0.0002% in bound matrix and not available to the user. This falls under the Safe Harbor Rule.

**California Prop 65:** The following chemicals have been determined by the Sate of California to cause birth defects in laboratory animals and are available in trace amounts in this product:

Chemical	CAS Number	Notes
Acetaldehyde	75-07-0	<0.0008% in bound matrix and not available to the user. This falls under the Safe Harbor Rule.
Methanol	67-56-1	<0.00008% in bound matrix and not available to the user. This falls under the Safe Harbor Rule.

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## 15. REGULATORY INFORMATION, continued

**CERCLA Reportable Quantities:** None

**HMIS (U.S.A.):**

**Health Hazard:** 1

**Fire Hazard:** 0

**Reactivity:** 0

**Personal Protection:** Dust mask, gloves

**National Fire Protection Association (U.S.A.):**

**Health:** 1

**Flammability:** 0

**Reactivity:** 0

## 16. OTHER INFORMATION

This information should be provided to all who will use, handle, store, transport or otherwise be exposed to this product. While the descriptions, designs, data and information contained herein are presented in good faith and believed to be accurate, it is provided for your guidance only. Because many factors may affect processing the sustainability of a product for your particular purpose prior to its use. No warranties of any kind neither express nor implied, including warranties of merchantability or fitness for a particular purpose are made regarding products described or designs, data or information set forth, or that the products, designs, data or information may be used without infringing the intellectual property rights of others. In no case shall the descriptions, information, data or designs provided be considered part of our terms and conditions of sale. Further, you expressly understand and agree that the descriptions, information, data and designs furnished by SEALANTS & COATINGS TECHNOLOGIES, INC. hereunder are given gratis and SEALANTS & COATINGS TECHNOLOGIES, INC. assumes no obligation or liability for the description, information, data and designs given or results obtained, all such being given and accepted at your risk. We believe this information to be reliable and up to date as of its publication date, but make no warranty that it is. If this SDS is more than one year old you should contact SEALANTS & COATINGS TECHNOLOGIES, INC. to make sure the information is still current.

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