



SECTION 1, IDENTIFICATION

Manufacturer/Distributor	Calico Solid Surfaces, 20200 SW 49 th CT Southwest Ranches, Florida, 33332	
Phones	For Product Information	828-773-2517
	For emergency response (spill, leak, fire, exposure, or accident) contact	
	Jose Baltar	305-926-5160

SECTION 2, HAZARD IDENTIFICATION

Potential Health Effects	Calico Solid Surface products are not hazardous as shipped in their solid states. However, dust generated from cutting, routing, sawing, drilling, sanding, or other forms of fabrication may cause irritation to skin, eyes and respiratory systems. Calico Solid Surfaces recommends using exposure limits for polymethyl methacrylate, because there are no established exposure limits for solid surface dust
Potential Health Effects, cont'd	Calico Solid Surfaces products do not gas off at room temperature. However, at higher temperatures, small amounts of methyl methacrylate and butyl acrylate can be released, depending on the temperature, duration of exposure to heat and other variables. Methyl methacrylate and butyl acrylate vapors can irritate skin, eyes, and respiratory systems, and can cause allergic reaction. Dust or small particles generated during fabrication may irritate skin, eyes, and respiratory systems. Long-term exposure may cause headaches.

Carcinogenicity Information None of the components in Calico Solid Surfaces products at concentrations equal to or greater than 0.1% are listed by the IARC, NTP, OSHA or ACGIH as a carcinogen.

SECTION 3, Composition/Information on Ingredients

Components	Ingredient/Sequence No.	CAS No.	% by Weight
	Polymethyl Methacrylate	9011-14-7	36 ~ 38
	Aluminum Trihydroxide	21645-51-2	60 ~ 62
	Additives		1.0 ~ 1.5
	Pigments		0.1~ 1.0
	Total		100.00

SECTION 4, First Aid Measures

Eyes Contact Flush eyes immediately with large amounts of water for minimum of 15 minutes. Medical treatment should be done by qualified doctor.

Skin Contact This wouldn't be a problem but may cause skin sensitization. Simply wash the contaminated skin with running water. Medical treatment can be consulted, if necessary.

Inhalation Remove to fresh air if necessary, victim should be taken to well ventilated area.

Medical treatment should be followed if breathing becomes difficult.

Ingestion No specific intervention is indicated, as the compound is not likely to be hazardous by ingestion. Also, ingestion is not an expected route of entry into the body.

SECTION 5, Fire-Fighting Measures

Extinguishing Media	CO ₂ , alcohol- resistant foam or water spray
Extinguishment by smothering	N/A
Large Fires	Vast amount of digestive downwind form of medicine or spray mist on the water Depending on the proper use of fire protection
Specific hazards arising from the chemical	Burning Calico Solid Surface product may produce combustion. Hazardous gases/vapors produced in a fire are CO ₂ , Oxides of carbon, Hydrocarbon
Fire Fighting Instructions	Necessary to wear safe protective equipment like fireproof clothing, boots, gloves, breathing equipment. Extinguish fire keeping safe distance from fire area. Do not inhale the substance itself or the burning artifact. For disposal of firefighting water, dig a ditch and store it in the ditch. If not dangerous, move the vessel from the fire area.

SECTION 6, Accidental Release Measures

Safeguards (Personnel)	Avoid contact with skin. Leak immediately, prevent using proper protective equipment. Wear positive pressure clothing that is specifically recommended by the manufacturer.
Environmental	Underwater: Prevent entry into waterways, sewers, basements, or confined areas
Small Spill	Absorb or cover with sand or other non-combustible material and remove. Transfer to appropriate containers for post-treatment. Use clean non-sparking tools to collect absorbed material. All equipment used when handling the product must be grounded.
Large Spill	Make an embankment for further processing. Remove all sources of ignition. Keep unauthorized personnel away. When spilled over limited quantities, inform central government and local self-government.

SECTION, 7 Handling and Storage

Handling (Personnel)	Do not eat, drink, or smoke in product area. Avoid contact with skin, eyes, and cloths. Do not breathe gas/ vapor/ spray.
Storage	Store at below 50C avoiding direct sunlight. Do not eat, drink, or smoke in product area. Keep away from food and feedstuffs.

SECTION 8, Exposure Controls/Personal Protection

Occupational Exposure limits	KOREA TWA: N/A ACGIH TWA: N/A Biological Exposure Index: N/A
Personal Protective Equipment	Eye/Face Protection: Wear safety glasses and gloves during operations such as sawing, routing, drilling, or sanding. Respiratory organ protection: Use ventilation to keep the good air at fabrication place
Protective Clothing	Wear Safety clothes.

SECTION 9, Physical and Chemical Properties

Appearance	Solid Sheet
Odor	No odor
Threshold of odor	N/A
pH(10% Sol'n/m at 25C)	N/A
Melting point/ freezing point	N/A
Initial boiling point and boiling point	N/A
Flash point	N/A
Evaporation rate	N/A

Flammability (Solid Gas)	N/A
Upper/Lower flammability or explosive Limits	N/A
Vapor pressure	N/A
Solubility(ies)	Insoluble
Vapor density	N/A
Specific gravity	1.6 ~ 1.8
n-octanol/water partition coefficient	N/A
Auto ignition temperature	N/A
Degradation temperature	N/A
Viscosity	N/A
Molecular weight	N/A

SECTION 10, Stability and Reactivity

Chemical Stability	Stable in high temperature pressure
Possibility of hazardous reactions	N/A
Conditions to avoid	Avoid strong acid, Oxidizing accelerator.
Hazardous decomposition product	Burning may produce the following combustion product: Irritative/ Toxic gas, Oxides of carbon, Hydrocarbon

SECTION 11, Toxicological Information

Toxicity to Animals	Product has not been tested for effects on animals
Toxicity to Humans	Product is not toxic to blood, kidneys, lungs, nervous system, liver, mucous membranes, and reproductive system.

SECTION 12, Ecological Information

Eco toxicity	Not available
BODS and COD	Not available
Biodegradable OECD	Not available

SECTION 13, Disposal Considerations

Disposal Method	No special remark, but by reasonable way to take care of waste,
Disposal Precaution	Consider the require attention in accordance with waste treatment management regulation

SECTION 14, Transportation Information

DOT Classification	Not regulated.
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SECTION 15, Regulatory information

Korea	Korea Occupational Safety and Health Regulation: Not Listed Toxic Chemical Control Act: Not Listed Dangerous Material Safety Management Regulation: Not Listed Waste Control Act: Not Listed
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EU Classification	Classification: Not Listed Risk phrases: Not Listed Safety phrases: Not Listed
USA. Management Information	OSHA regulation (29CFR1910.119): Not Listed CERCLA 103 regulation (40CFR302.4): Not Listed EPCRA 302 regulation (40CFR355.30): Not Listed EPCRA 304 regulation (40CFR355.40): Not Listed SARA 313 regulation (40CFR372.65): Not Listed Rotterdam Convention on the prior informed consent procedure for certain hazardous chemicals and pesticides in international trade: Not Listed Stockholm Convention on Persistent Organic Pollutants (POPs): Not Listed Montreal Protocol on Substances that Delete the Ozone Layer: Not listed

SECTION 16, Other Information

Information source and references	Korea Occupational Health & Safety Agency: http://www.kosha.net Korea dangerous material inventory management system (http://hazmat.nema.go.kr) EPA (http://cfpub.epa.gov/ecotox) GHS (Global Harmonized System of classification and labeling of chemical) International Information Chemical Information Database (IUCLID) (http://ecb.jrc.it/esis) NIOSH9 (The National Institute for Occupational Safety and Health) ACGIH (American Conference of Governmental Industrial Hygienists) EINECS (European Inventory of Existing Commercial chemical Substances)
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Other material safety data sheet Information N/A

Responsibility for Data Calico Solid Surfaces,
20200 SW 49th CT
Southwest Ranches,
Florida, 33332

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