



Material Safety Data Sheet

PRODUCT & COMPANY IDENTIFICATION

Product Code: Ceiling & Surface Solid Surface and Quartz Adhesive

Trade Name: Joint Adhesive Components A&B

Product Type: Substance

Supplier: Ceiling & Surface Innovations

Address: 20200 SW 49th CT, Fort Lauderdale, Florida 33332

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COMPOSITION / COMPONENT INFORMATION

Part A.

Acrylic Polymer	15 ~ 40%	CAS Number	9011-14-7
Methyl Methacrylate Monomer	35 ~ 65%	CAS Number	80-62-6

Part B.

Alumina Trihydrate	10 ~ 40%	CAS Number	21645-51-2
Benzoyl Peroxide	3 ~ 7%	CAS Number	94-36-0
Dibutyl Phthalate	93 ~ 97%	CAS Number	84-74-2

COMPLIATION DATE: 05/08/2008

REVISION DATE: 01/05/2015

REVISION NO: 3

HAZARD IDENTIFICATION

Main Hazards	Harmful if swallowed. Risk of serious damage to eyes.
Health Effects-Eyes	Liquid or mist will cause severe conjunctival irritation and corneal damage.
Health Effects-Skin	Material may cause irritation. Repeated or prolonged contact may produce defatting of the skin leading to irritation and dermatitis.
Health Effects-Ingestion	Swallowing may have the following effects: irritation of mouth, throat and digestive tract. nausea. difficulty with breathing. lung damage.
Health Effects-Inhalation	Low volatility makes acute effects unlikely at ambient temperatures.
Hazard Pictograms	GHS02: Flame GHS07: Exclamation Mark



FIRST AID MEASURES

First Aid-Eyes	Holding the eye open, immediately flood with plenty of water for at least 15 minutes. Obtain medical attention urgently.
First Aid-Skin	Wash skin thoroughly with soap and water. Contaminated clothing should be washed or dry-cleaned before re-use.
First Aid-Ingestion	Wash out mouth with water. (Never administer anything by mouth if ingestee is losing consciousness, is unconscious or is convulsing). Do not induce vomiting. Keep warm and at rest. If there is difficulty in breathing, give oxygen. If breathing stops or shows signs of failing, apply artificial respiration. Do not use mouth to mouth ventilation. Obtain medical attention urgently.
First Aid-Inhalation	Remove from exposure. Keep warm and at rest. If there is difficulty in breathing, give oxygen. If breathing stops or shows signs of failing, give artificial respiration. Obtain medical attention.
Advice to Physicians	Treat symptomatically.

FIRE FIGHTING MEASURES

Extinguishing Media	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide. Keep containers and surroundings cool with water spray.
Unsuitable Media	Do not use a water jet.
Special Hazards	This product may give rise to hazardous fumes in a fire.
Protective Equipment	Wear self contained breathing apparatus.

ACCIDENTAL RELEASE MEASURES

Personal Precautions	Wear appropriate protective clothing. Wear respiratory protection.
Environmental Precautions	Try to prevent the material from entering drains or water courses. Advise Authorities if spillage has entered water course, sewer or has contaminated soil or vegetation.
Spillage	Contain and absorb using earth, sand or other inert material. Transfer into suitable containers for recovery or disposal.

HANDLING & STORAGE

Handling	Keep container tightly closed when not in use. Use in well ventilated area. Avoid inhaling vapor. Avoid contact with eyes, skin and clothing. Emergency shower and eye wash facilities should be readily available.
Storage	Storage area should be cool, dry, and well ventilated.

EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational Exposure	Material may cause irritation to mucous membranes, skin burns, eye corrosion and permanent injury. (TLV : 100 ppm)
Engineering Control Measures	Engineering methods to prevent or control exposure are preferred. Methods include process or personnel enclosure, mechanical ventilation (dilution and local exhaust), and control of process conditions. If engineering controls and work practices are not effective in preventing or controlling exposure, then suitable personal protective equipment, which is known to perform satisfactorily, should be used.
Respiratory Protection	Respiratory protection if there is risk of breathing mists or vapors from heated material.
Hand Protection	Rubber or polyethylene gloves.
Eye Protection	Chemical goggles must be worn during all handling operations.
Body Protection	If there is danger of splashing, wear impermeable suit.
Ventilation	During application, adequate ventilation must be provided.

PHYSICAL & CHEMICAL PROPERTIES

Part A

Physical State	Viscous liquid
Color	Various
Odor	Acrylic
Boiling Point	101°C
Flash Point (TOC)	10°C
Ignition Temperature	430°C
Explosion Limits	Lower 2.1%, Upper 12.5%
Solubility in Water	Slightly soluble
Vapor Density	3.42
Specific gravity	1.2
Viscosity (CPS)	20,000 at 23°C. (typical)

Part B

Physical State	Viscous liquid
Color	Transparent
Odor	Mild
Flash Point (TOC)	100°C
Ignition Temperature	No data available
Explosion Limits	No data available
Solubility in Water	Insoluble
Specific gravity	1.1

STABILITY & REACTIVITY

Part A

Stability	Stable under normal conditions.
Condition to avoid	Heat, spark, flames and other sources of ignition.
Materials to avoid	Oxidizing agents. Air.
Hazardous Decomposition	Combustion will generate : oxides of carbon and smoke. Methyl methacrylate monomer.
Hazardous Polymerization	Polymers may be formed at high temperature, addition of oxidizing materials or direct sunlight.

Part B

Stability	Stable under normal conditions.
Condition to avoid	Heat, spark, flames and other sources of ignition.
Materials to avoid	Amine, strong acid.
Hazardous Polymerization	Combustion will generate : oxides of carbon, smoke.

TOXICOLOGICAL INFORMATION

Acute Toxicity
Carcinogenicity

Harmful by ingestion.
NTP : None assigned
JARC : None assigned
OSHA : None assigned
Moderate

Contact Hazard

ECOLOGICAL INFORMATION

Mobility
Persistence/Degradability
Bio-accumulation
Ecotoxicity

The product will not dissolve in water.
The product is expected to be partially or slowly biodegradable.
The product is not expected to bioaccumulate.
No data

DISPOSAL

Product Disposal
Container Disposal

Dispose of in accordance with all applicable local and national regulations. Incineration is the recommended method of disposal. Empty containers may contain hazardous residue. Labels should not be removed from containers until they have been cleaned. Contaminated containers must not be treated as household waste. Containers should be disposed of by landfill or incineration as appropriate.

TRANSPORT INFORMATION

*** This information relates to the kit as a whole (Component A, Component B)

ADR / RID - Class

UN-NO 1133 Class 3 Item 5(C)

Proper shipping name : Adhesives

Term-Card R-30G80 ADR/RID Labels : 3

ICAO - Class

UN-NO 1133 Class 3 Subrisks

Proper shipping name : Adhesives

Packing Group III ICAO Labels : Flammable liquid



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