

MATERIAL SAFETY DATA SHEET

SECTION 1 Product name : Mosaic tile adhesive

Date Prepared: December 2014

Manufacturer: Mosaic Mercantile
1234 Indiana St.
San Francisco, CA 94107

Telephone Number: 415-282-5410

SECTION 2

Potential Hazardous Chemical

Chemical Name	CAS Number		% By Weight
Isothiazolinone	1003-07-2		0.5
2,2,4-Trimethyl-1,3-pentanediol onoisobutyrate	25265-77-4		0.2

SECTION 3

Hazards Identification				
Emergency overview				
incombustible liquid, irritative to individuals under prolong contact				
HMIS Classification				
Health hazards	1	Health hazards	1	
Flammability	0	Flammability	0	
Physical hazards	0	Reactivity hazards	0	

SECTION 4

Physical & Chemical Property

VOC (Volatile Organic Compound) : < 3 g / L

Vapor pressure : 2 mm Hg at 68 °F

Boiling range : 220~300 °F at 760 mm Hg

Flammability : Non-combustible emulsion

PH Value : 7.0 ~ 9.0

Ignition temperature : No data

Density : 1.035 at 77 °F

Water solubility : 100 %

Flash point : > 205 °F - closed cup

SECTION 5

Fire and Explosion Harzard Data

Flash point (TCC) : > 205 °F

US DOT Category : not regulated

Hazard Class: NA

EXTINGUISHING MEDIA: Use National Fire Protection Association (NFPA) Class B extinguishers (carbon dioxide, dry chemical, or universal aqueous film forming foam) designed to extinguish NFPA class IC flammable liquid fires.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Isolate from extreme heat. Toxic gases maybe decomposed when product is burnt or prolong contacted with surfaces > 250 °F and inhalation may cause a health hazard. SPECIAL FIRE FIGHTING PROCEDURES: Water spray to cool closed containers to prevent pressure build-up and avoid auto ignition or explosion when exposed to extreme heat. If water is used, fog nozzles are recommended . Fire fighters should wear self-contained breathing apparatus. Use carbon dioxide or powdered chemical fire extinguisher for fire.

SECTION 6: Stability & Reactivity Data

INCOMPATIBILITY	:	Avoid contact with extreme heat
HAZARDOUS POLYMERIZATION	:	Not expected to be occurred
REACTION WITH WATER OR ITS VAPOR	:	Not expected to be occurred

SECTION 7

Accidental Release Measures Spill or Leak Procedures STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Provide maximum ventilation. Remove all sources of ignition. Take up spilled material with sawdust, vermiculite, or other absorbent material and place into containers for disposal.

SECTION 8

Disposal consideration

WASTE DISPOSAL METHOD:

Waste material must be disposed of in accordance with Federal State, Provincial, and Local Environmental Control Regulations. Empty containers should be recycled or disposed of through an approved waste management facility.

SECTION 9

Toxicology information

Health Hazard Data

EFFECTS OF OVEREXPOSURE:

ROUTES: Direct inhalation and contact with skin or eyes.

INGESTION: Not expected from normal use.

EYE CONTACT: Causes eye irritation.

SKIN CONTACT: Prolonged or repeated contact may cause skin irritation.

INHALATION: Repeated or long time exposure to high vapor concentrations may cause irritation of the respiratory system and headache or nausea

SECTION 10

First Aid Measures

INGESTION : If swallowed seek immediate medical attention. If individual is drowsy or unconscious do not give anything by mouth. Do not induce vomiting unless directed to do so by medical personnel. Do not leave individual unattended.

EYE CONTACT: In case of eye contact, flush eyes immediately with plenty of water for at least 15 minutes. Seek immediate medical attention.

SKIN CONTACT Remove contaminated clothing. Flush exposed area with large amount of water, launder clothing before reuse. If skin is irritated, seek immediate medical attention.

INHALATION: If affected by inhalation of vapor or spray mist, remove to fresh air. Apply artificial respiration and other supportive measures as required. If symptoms develop, seek medical aid.

OTHER: If ingested or symptoms of overexposure occurs contact physician immediately.

SECTION 11

Exposure control & Personal Protection PERSONAL PROTECTIVE EQUIPMENT: EYE PROTECTION: Wear chemical type splash goggles or full-face shield when possibility exists for eye contact due to splashing or spraying liquid, airborne particles, or vapors. SKIN PROTECTION: Wear impermeable clothing sufficient to cover exposed skin surfaces. RESPIRATORY PROTECTION: Overexposure to vapors may be prevented by ensuring ventilation controls, vapor exhaust or fresh air entry. (NIOSH/MSHA-Approved 9TC-23C) air purifying or air supplied (TC-19C) respirators may also reduce exposure. Read respirator manufacturer’s instructions and literature carefully to determine the type of airborne contaminants against which the respirator is effective and how it is to be properly fitted. Wear respirator when sanding, brushing, scraping or burning dried paint film. VENTILATION REQUIREMENTS: Provide general dilution or local exhaust ventilation in volume and pattern to keep the concentration of ingredients listed in Section 2 below the lowest suggested exposure limits, and to remove decomposition products during welding of flame cutting.

SECTION 12

Handling & Storage

HANDLING PRECAUTIONS : Avoid contact with skin or eyes, avoid breathing vapors. Handle in well ventilated work space. Do not eat, drink or smoke when handling. Wash hands after use. Airborne particles (dust) are created when sanding, abrading or scraping dry paint film and may contain hazardous materials listed in Section 2. User proper respiratory protection when sanding, abrading or scraping dry paint film.

STORAGE PRECAUTIONS: Avoid storage temperature above 150 F and prolong storage temperature > 120 F may cause malfunctioning of adhesive. Keep container closed when not in use. Keep in cool, dry ventilated storage.

SECTION 13

Transportation Information				
DOT Proper Shipping Name	Not regulated			
DOT Chemical Name	NA			
DOT Hazard Class	NA	Hazard Sub-class	NA	
NA Number	NA	Packing Group	NA	
DOT Placard AT	NA			
DOT Class Number	NA			
UN Proper Shipping Name	Not regulated			
UN Hazard Class	Air : NA	Marine : NA		
Hazard Sub-class	Air : NA	Marine : NA		
UN Number	NA	Packing group:	Air N.A	Marine N.A
UN Placard AT		NA		

SECTION 14

Ecology Information

Elimination information - persistence & degradability NA

Ecotoxicity effects Not expected

Further information onecology NA

SECTION 15

Regulatory Information

OSHA Hazards : Irritant

Hazardous by definition of Hazard Communication Standard (29 CFR1910.1200)

CERCLA - SARA HAZARD CATEGORY: This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

IMMEDIATE HEALTH HAZARD CHRONIC HEALTH HAZARD SARA SECTION 313: This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372: No SARA Section 313 components exist in this product.

TOXIC SUBSTANCES CONTROL ACT: This product contains NO chemical substances subject to the reporting requirements of TSCA 12(B) if exported to or from the United States

CALIFORNIA PROPOSITION 65: Revision on Apr 19, 2013 WARNING: The chemical(s) noted below and contained in this product, are known to the state of California to cause cancer, birth defects or other reproductive harm: Chemical name : None CAS number : None

INTERNATIONAL REGULATIONS: AS FOLLOWS - CANADIAN WHMIS: This MSDS has been prepared in compliance with Controlled Product Regulations except for use of the 16 headings. CANADIAN WHMIS CLASS: No information available.

SECTION 16

OTHER INFORMATION

HMIS Ratings - HEALTH: 1 FLAMMABILITY: 0 REACTIVITY: 0

Volatile Organic Compound (VOCS): < 3% by weight

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