

MSDS - 0629

REVISION: N/C

MARCH 14, 2001

MATERIAL SAFETY DATA SHEET

VITA IN-CERAM ALUMINA/ZIRCONIA MIXING LIQUID

Telephone: (714) 961 - 6200

FAX: (714) 961 - 6299

Prepared by: 

VIDENT

3150 E. Birch Street.
Brea, CA 92821

SECTION I - PRODUCT IDENTIFICATION: IN-CERAM ALUMINA/ZIRCONIA MIXING LIQUID

TRADE NAMES:

In-Ceram Alumina/Zirconia Mixing Liquid

CHEMICAL NAME:

Diluted Citric Acid

MSDS - 0629 APPLIES TO THE FOLLOWING VIDENT PRODUCTS (BY PART NUMBER)

V98-117

INFORMATION PRESENTED HEREIN HAS BEEN COMPILED FROM SOURCES CONSIDERED TO BE DEPENDABLE AND IS ACCURATE AND RELIABLE TO THE BEST OF OUR KNOWLEDGE AND BELIEF. IT IS THE USER'S RESPONSIBILITY TO DETERMINE FOR HIMSELF THE SUITABILITY OF ANY MATERIAL FOR A SPECIFIC PURPOSE AND TO ADOPT SUCH SAFETY PRECAUTIONS AS MAY BE NECESSARY. WE MAKE NO WARRANTY AS TO THE RESULTS TO BE OBTAINED IN USING MATERIAL AND, SINCE CONDITIONS OF USE ARE NOT UNDER OUR CONTROL, WE MUST NECESSARILY DISCLAIM ALL LIABILITY WITH RESPECT TO THE USE OF ANY MATERIAL.

MSDS - 0629

REVISION: N/C

MARCH 14, 2001

MATERIAL SAFETY DATA SHEET

VITA IN-CERAM ALUMINA/ZIRCONIA MIXING LIQUID

SECTION II - HAZARDOUS INGREDIENTS / IDENTIFY INFORMATION

HAZARDOUS INGREDIENTS / OSHA:

INGREDIENTS	CAS#	OSHA PEL TWA	ACGIH TLV TWA
Citric Acid	[77-92-9]	ppm	ppm
Water	[7732-18-5]	—	—

SECTION III - PHYSICAL AND CHEMICAL DATA

APPEARANCE AND ODOR: Colorless fluid, Odorless.

SOLUBILITY IN WATER: Fully Miscible.

MELTING POINT: 0 deg C

BOILING POINT: 100 deg C

SPECIFIC GRAVITY: at 20 deg C 1g/cm3

VAPOR PRESSURE: at 20 deg C 23 hPa

SECTION V - REACTIVITY DATA

STABILITY: Stable

MATERIAL TO AVOID: None known.

HAZARDOUS POLYMERIZATION: Will not occur.

HAZARDOUS DECOMPOSITION OF BY PRODUCTS: No dangerous decomposition products known.

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: Not Applicable.

FLAMMABLE LIMITS: None

LEL: N/A

UEL: N/A

EXTINGUISHING MEDIA: CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

SPECIAL FIREFIGHTING PROCEDURES: None.

UNUSUAL FIRE HAZARD: None.

***Note* Product does not present an explosion hazard.**

SECTION VI - HEALTH HAZARD DATA

ROUTES OF ENTRY: Inhalation, Ingestion, Skin or Eye Contact.

HEALTH HAZARDS: Unknown.

CARCINOGENICITY: None

SIGNS AND SYMPTOMS OF EXPOSURE: Unknown.

EMERGENCY FIRST AID PROCEDURES:
 Inhalation- Supply Fresh Air.
 Ingestion- Rinse Mouth and drink plenty of water.
 Eyes- Rinse opened eye with water for several minutes.
 Skin- Generally product does not irritate the skin.

Note Consult a Doctor if any of the symptoms persist.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

CLEAN - UP PROCEDURES: Pick up mechanically.
Dilute with plenty of water.

WASTE DISPOSAL METHOD: Disposal must be done according to official regulations.

HANDLING AND STORAGE PRECAUTIONS: No special requirements.

***Note* the usual precautionary measures are to be adhered to when handling chemicals.**

SECTION VII - CONTROL MEASURES

RESPIRATORY PROTECTION: Nuisance dust mask recommended.

VENTILATION: Medical exhaust ventilation.

EYE PROTECTION: Goggles recommended during refilling.

PROTECTIVE CLOTHING: WORK/HYGENIC PRACTICE: Not required.
Wash hands thoroughly before eating or smoking to avoid ingestion.