

TOKUYAMA DENTAL CORP.**MATERIAL SAFETY DATA SHEET****SECTION I - IDENTIFICATION**

PRODUCT NAME	TOKUSO REBASE MR.BOND
DESCRIPTION OF PRODUCT	METAL BONDING PRIMER, For dental professionals only.
Manufacturer	Tokuyama Dental Corp. 38-9, Taitou 1-chome, Taitou-ku, Tokyo, Japan Tel : +81-3-3835-7201
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SECTION II - HAZARDOUS INGREDIENTS

MATERIAL	%	CAS.No.	TOXICITY DATA	CARCINOGENICITY
METHYL METHACRYLATE	95	80-62-6	ORAL MOUSE LD 50 > 5,204mg/kg	N/R
ADHESIVE MONOMER	5	—	ORAL MOUSE LD 50 > 7,730mg/kg	N/R

SECTION III - PHYSICAL DATA

BOILING POINT(°C)	101	SPECIFIC GRAVITY(H ₂ O=1)	0.945
VAPOR PRESSURE(hPa) at 20°C	47	SOLUBILITY IN WATER g/Water 100g	0.1~1
VAPOR DENSITY(AIR=1)	3.45	EVAPORATION RATE	N/A
APPEARANCE AND ODOR : COLORLESS CLEAR LIQUID, SLIGHT ODOR			

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT(METHOD USED) : 10°C	FLAMMABLE LIMITS IN AIR (% BY VOLUME)	Lel	Uel
		N/A	N/A
EXTINGUISHING MEDIA : CHEMICAL FORM, CARBON DIOXIDE OR DRY CHEMICAL			
SPECIAL FIRE FIGHTING PROCEDURES USE PROTECTIVE CLOTHING AND A SELF-CONTAINED BREATHING APPARATUS.			
UNUSUAL FIRE AND EXPLOSION HAZARDS : IRRITATING GASES MAY BE RELEASED.			

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SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE:	MATERIAL	OSHA PEL
	METHYL METHACRYLATE	100ppm
	ADHESIVE MONOMER	N/E
EFFECTS OF OVEREXPOSURE : REPEATED PROLONGED CONTACT MAY CAUSE SKIN INFLAMMATION.		
EMERGENCY AND FIRST AID PROCEDURES: SKIN : WASH WITH SOAP AND PLENTY OF WATER. EYES : WASH IMMEDIATELY WITH PLENTY OF WATER. GET MEDICAL ATTENTION. INGESTION : INDUCE VOMITING IMMEDIATELY. GET MEDICAL ATTENTION.		

SECTION VI - REACTIVITY DATA

STABILITY	UNSTABLE	X	CONDITIONS TO AVOID: HEAT, SPARKS AND OPEN FLAMES	
	STABLE			
INCOMPATIBILITY: (MATERIALS TO AVOID)		STRONG OXIDIZING AGENTS		
HAZARDOUS DECOMPOSITION PRODUCTS : INCOMPLETE THERMAL DECOMPOSITION MAY CAUSE TOXIC GASES.				
HAZARDOUS POLYMERIZATION	MAY OCCUR	X	VILL NOT OCCUR	
CONDITIONS TO AVOID : N/A				

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED : CLEAN UP WITH AN INERT ABSORBENT MATERIAL AND DISPOSE OF IN THE APPROVED METHOD.
WASTE DISPOSAL : FOLLOW FEDERAL, STATE AND LOCAL REGULATIONS.

SECTION VIII - SPECIAL PROTECTION

RESPIRATORY PROTECTION : (SPECIFY TYPE) USE ADEQUATE VENTILATION		
VENTILATION	LOCAL EXHAUST : PREFERRED IF INDOORS	SPECIAL : N/A
	MECHANICAL : (GENERAL) ADEQUATE VENTILATION	OTHER : N/A
PROTECTIVE GLOVES : RECOMMENDED	EYE PROTECTION : RECOMMENDED	

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE : FOLLOW DIRECTIONS ON THE PACKAGE. STORE IN A COLL, DARK PLACE.
OTHER PRECAUTIONS : NONE

* N/A : Not Available, N/E : Not Established, N/R : Not Regulated by IARC

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