

MS130304

EXAFLEX & EXAFST PUTTY
MATERIAL SAFETY DATA SHEET

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SECTION 1 - SOURCE/IDENTITY/USE INFORMATION**MANUFACTURER**

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COMMON NAME: EXAFLEX PUTTY BASE AND CATALYST
EXAFST PUTTY BASE AND CATALYST**CHEMICAL NAME:** N.A.**PRODUCT USE:** Dental Impressions

The following information is provided with regard to the toxicity and hazards of the pure components present in this portion of the unmixed two paste system.

SECTION 2 - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

COMPONENT	C.A.S.	EXPOSURE LIMITS	LD50/LC50	%
Polydimethyl Siloxane	(not listed)	N.E.	LD50 = 5mg/m ³ (oral rat)	11
Vinyl Dimethyl Polydimethyl Siloxane	68083-19-2	N.E.	N.E.	11
Silica-Amorphous	112926-00-8	PEL=10.0mg/m ³ TLV/TWA=10.0mg/m ³ (as dust) (ACGIH)	N.E.	78

SECTION 3 - PHYSICAL/CHEMICAL PROPERTIES**BOILING POINT:** 160°C**VAPOR PRESSURE:** 100/50°C**VAPOR DENSITY:** 2.56**SOLUBILITY IN WATER:** Insoluble**COEFFICIENT OF OIL/WATER DISTRIBUTION:** N.E.**SPECIFIC GRAVITY (H₂O = 1):** 1.67**MELTING POINT:** N.E.**EVAPORATION RATE:** N.E.**ODOR THRESHOLD:** N.A.**APPEARANCE AND ODOR:** A yellow or blue paste. Both are odorless.**SECTION 4 - FIRE AND EXPLOSION DATA****FLASH POINT:** Not Flammable per ASTM D92**FLAMMABLE LIMITS:** N.A.**EXTINGUISHING MEDIA:** Dry chemical, carbon dioxide, alcohol foam**SPECIAL FIRE FIGHTING PROCEDURES:** Water is not effective medium. Firefighters should wear self-contained breathing apparatus and full protective clothing.**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Irritating and/or toxic aerosols or gases may be present.**HAZARDOUS COMBUSTION PRODUCTS:** Carbon Dioxide, Carbon Monoxide, Sulfur dioxide, Hydrogen Sulfide**SECTION 5 - REACTIVITY DATA****STABILITY:** Stable ☒Unstable ☐**POLYMERIZATION:** Will Not Occur ☒Will Occur ☐**CONDITIONS TO AVOID:** High temperatures (> 121°C); open flames**INCOMPATIBILITY (Materials to Avoid):** Strong acids, bases, oxidizers.**HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:** N.E.

SECTION 6 - HEALTH HAZARD DATA and FIRST AID INFORMATION

	YES	NO	NE	NA	NTP	IARC	OSHA	OTHER
MUTAGENIC AFFECTS		X						
TERATOGENIC AFFECTS		X						
REPRODUCTIVE TOXIN		X						
CARCINOGENICITY	X (as Silica dust)					X		
SENSITIZER		X						

ROUTES OF ENTRY: Inhalation ☒ Skin ☒ Ingestion ☒

HEALTH HAZARD (Acute and Chronic): Breathing vapor generated from this product may be irritating to the eyes, nose and throat.

SIGNS AND SYMPTOMS OF OVEREXPOSURE: Headaches

CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: N.E.

EMERGENCY FIRST AID PROCEDURES:

INHALATION: Remove to fresh air if irritation develops.

EYES: Flush with large volumes of water, consult a physician if irritation develops.

SKIN: Wash thoroughly with soap and water

INGESTION: Do not induce vomiting. Dilute by drinking several glasses of water. Seek medical attention.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

IN CASE OF RELEASE OR SPILL: Absorb with inert material; transfer to container for disposal

WASTE DISPOSAL METHOD: Landfill per local and Federal Regulations

STORAGE, HANDLING, AND SPECIAL PRECAUTIONS: Store at normal room temperature in a well ventilated area

SECTION 8 - CONTROL MEASURES

RESPIRATORY PROTECTION: N.A.

VENTILATION: Local Exhaust: Recommended Mechanical: N.E. Special: N.E. Other: N.E.

PROTECTIVE GLOVES: Synthetic/Vinyl Gloves

EYE PROTECTION: Safety glasses or goggles

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: N.E.

WORK/HYGIENIC PRACTICE: N.E.

SECTION 9 - PREPARATION INFORMATION

This data is supplied to comply with OSHA Hazard Communication Standard 29 CFR 1910.1200 and W.H.M.I.S. CPR

DATE: 09 January 2006

REVIEWED: 19 January 2009

N.A. = NOT APPLICABLE

N.E. = NOT ESTABLISHED

The information herein is given in good faith but no warranty expressed or implied is made.

FIRE - 0

TOXICITY - 1

NFPA
REACTIVITY - 1

SPECIAL -