

PRODUCT IDENTIFICATION

CHEMICAL NAME: HI-TEMPERATURE SILICONE SEALANT
CUSTOMER NAME: BOSS 376 HI-TEMP RED SILICONE SEALANT

CHEMICAL FAMILY: SILICONE
FORMULA: MIXTURE

HAZARD CLASS: U.N. NUMBER: PACKING GROUP:

HAZARDOUS INGREDIENTS

NAME: METHYLTRiacETOXYsilANE
CAS NUMBER: 004253343 PERCENT BY WEIGHT: 2.00%
ACGIH TLV: NONE ESTABLISHED
OSHA PEL: NONE ESTABLISHED
OSHA STEL: NONE ESTABLISHED

NAME: ETHYLTRiacETOXYsilANE
CAS NUMBER: 017689779 PERCENT BY WEIGHT: 2.00%
ACGIH TLV: NONE ESTABLISHED
OSHA PEL: NONE ESTABLISHED
OSHA STEL: NONE ESTABLISHED

NAME: SILICA
CAS NUMBER: 007631869 PERCENT BY WEIGHT: 10.00%
ACGIH TLV: 10 MG/M³
OSHA PEL: NONE ESTABLISHED
OSHA STEL: NONE ESTABLISHED

NON-HAZARDOUS INGREDIENT: POLYDIMETHYSILOXANE

PHYSICAL PROPERTIES

BOILING POINT: N/A
VAPOR PRESSURE (MM HG): <5 MM

VAPOR DENSITY (AIR=1): N/A
SOLUBILITY IN WATER: <0.1%
APPEARANCE AND ODOR: ACETIC ACID-LIKE PASTE
SPECIFIC GRAVITY (H2O=1): 1.04
MELTING POINT: N/A
EVAPORATION RATE (ETHER 1): <1

FIRE AND EXPLOSION HAZARD DATA

FLASH POINT & METHOD: 212 DEG F/100 DEG C OPEN CUP
FLAMMABLE LIMITS: NOT DETERMINED
LEL%: N/D
UEL%: N/
EXTINGUISHING MEDIA: WATER, WATER FOG, CO2, DRY CHEMICAL, FOAM
SPECIAL FIRE FIGHTING PROCEDURES:
SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING SHOULD
BE WORN IN FIGHTING FIRES INVOLVING CHEMICALS.
UNUSUAL FIRE AND EXPLOSION HAZARDS:
NONE KNOWN.

REACTIVITY DATA

STABILITY: STABLE
CONDITIONS TO AVOID: AIR OR MOISTURE CAUSES POLYMERIZATION AND
ACETIC ACID VAPORS ARE FORMED.
INCOMPATIBILITY: OXIDIZING MATERIAL CAN CAUSE A REACTION.
HAZARDOUS DECOMPOSITION OR BYPRODUCTS:
SILICONE DIOXIDE, CARBON DIOXIDE, AND TRACES OF INCOMPLETELY BURNED
CARBON PRODUCTS.
HAZARD POLYMERIZATION: WILL NOT OCCUR
CONDITIONS TO AVOID: NONE

HEALTH HAZARD DATA

ROUTES OF ENTRY:
INHALATION: YES SKIN: YES INGESTION: YES
HEALTH HAZARDS: NONE KNOWN
CARCINOGENICITY: NTP: NO IARC MONOGRAPHS: NO
OSHA REGULATED: NO
SIGNS AND SYMPTOMS OF EXPOSURE:
INGESTION: MAY CAUSE STOMACH DISCOMFORT
SKIN CONTACT: UNCURED PRODUCT MAY IRRITATE LIPS, GUMS, TONGUE, AND
SKIN.

EYE CONTACT: UNCURED PRODUCT CONTACT IRRITATE EYES.
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: NONE KNOWN
EMERGENCY AND FIRST AID PROCEDURES:
EYES: FLUSH WITH WATER FOR 15 MINUTES. OBTAIN MEDICAL ATTENTION
SKIN: WIPE OFF AND FLUSH WITH WATER
INHALATION: REMOVE TO FRESH AIR. OBTAIN MEDICAL ATTENTION
ORAL: OBTAIN MEDICAL ATTENTION

COMMENTS: WHEN HEATED TO TEMPERATURES ABOVE 150°C (300°F) IN THE PRESENCE OF AIR, PRODUCT CAN FORM FORMALDEHYDE VAPORS. FORMALDEHYDE IS A POTENTIAL CANCER HAZARD AND A KNOWN SKIN AND RESPIRATORY SENSITIZER. VAPORS IRRITATE EYES, NOSE AND THROAT. SAFE HANDLING CONDITIONS MAY BE MAINTAINED BY KEEPING VAPOR CONCENTRATIONS WITHIN THE OSHA PERMISSIBLE EXPOSURE LIMIT FOR FORMALDEHYDE.

PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: REMOVE PRODUCT AND USE ABSORBENT MATERIAL TO TAKE CARE OF ANY OIL-LIKE RESIDUES.

WASTE DISPOSAL METHOD:

REVIEW ALL LOCAL, STATE, AND FEDERAL REGULATIONS CONCERNING HEALTH AND POLLUTION TO DETERMINE APPROVED DISPOSAL METHOD.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

STORE BELOW 90 DEG. F. USE REASONABLE CARE AND CAUTION.

OTHER PRECAUTIONS:

NONE KNOWN

CONTROL MEASURES

RESPIRATORY PROTECTION:

ACID GAS/ORGANIC VAPOR TYPE

VENTILATION:

LOCAL EXHAUST: NONE ESTABLISHED

MECHANICAL: NONE

SPECIAL: N/A

OTHER: N/A

PROTECTIVE GLOVES: USE CHEMICAL WORKERS GLOVES.

EYE PROTECTION: USE PROPER EYE PROTECTION, SAFETY GLASSES AS MINIMUM.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

NONE

WORK PRACTICES:

GROSS AMOUNTS OF MATERIAL SHOULD BE REMOVED FROM THE SKIN AS SOON AS PRACTICAL, ESPECIALLY BEFORE EATING OR SMOKING.

DATE PREPARED: FEBRUARY 19, 1996