

MSDS Data

PERMATEX FORM-A-GASKET (R) #2 SEALANT

PS02258

Cherry Point Information

ARCO Hazard Rating:

Health	Fire	Reactivity
3	4	0

4-Extreme, 3-High, 2-Moderate,
1-Slight, 0-No Significant Hazard

ARCO Hazard Warning:

- Carcinogen (S)
- CNS Depressant
- Flammable
- Reproductive (F,D)

Nickname(s):

*** End of Cherry Point Information ***

GENERAL INFORMATION (PRODUCT IDENTIFICATION)

DATE: 9008 CP

MANUFACTURER: PERMATEX INDUSTRIAL CORPORATION
 ADDRESS: 30 TOWER LANE, AVON, CONNECTICUT 06001
 TELEPHONE: (203) 677-7727
 PRODUCT NAME: FORM-A-GASKET (R) #1 SEALANT
 ITEM NO.: 80009
 PART NO.: 1A
 PRODUCT TYPE: SEALANT
 FORMULA NO.: DOES NOT APPLY

HEALTH & FIRST AID (HEALTH HAZARD DATA)

TOXICITY: MODERATELY TOXIC BY INGESTION. EYE IRRITANT.
 PRIMARY ROUTES OF ENTRY: INHALATION, INGESTION, CONTACT.
 SIGNS AND SYMPTOMS OF EXPOSURE: VAPOR ABOVE TLV IS IRRITATING TO EYES, NOSE, THROAT AND CAN CAUSE HEADACHE, DIZZINESS, AND NAUSEA.
 EXISTING CONDITIONS AGGRAVATED BY EXPOSURE: SKIN, EYE, AND RESPIRATORY DISORDERS.

ADDITIONAL INFORMATION

CLAY HAS BEEN SHOWN TO CAUSE ADVERSE REPRODUCTIVE EFFECTS IN EXPERIMENTAL ANIMALS WHEN INGESTED IN HIGH DOSES. IT IS OUR BEST TECHNICAL JUDGMENT THAT, WITH PROPER PRECAUTIONS, NORMAL USE OF THIS PRODUCT POSES NO SUCH HAZARDS.

EXPOSURE LIMITS	ACGIH	OSHA	OTHER
INGREDIENTS	(TLV)	(TLV)	
CLAY	10 MG/M3 TWA	10 MG/M3 DUST 5 MG/M3 RESPIR.	NONE
ROSIN	NONE	NONE	NONE
ISOPROPYL ALCOHOL	400 PPM TWA 985 MG/M3	400 PPM TWA 980 MG/M3	NONE
VEGETABLE OIL	10 MG/M3 MIST	15 MG/M3 MIST DUST 5 MG/M3 MIST RESP	NONE
SOYBEAN DERIVATIVE	NONE	NONE	NONE
INGREDIENTS	TARGET ORGANS	CARCINOGEN	
		NTP IARC OSHA	
CLAY	NO DATA	NO NO NO	
ROSIN	NO DATA	NO NO NO	
ISOPROPYL ALCOHOL	GAS IRR NER	NO N/A NO	
VEGETABLE OIL	NO DATA	NO NO NO	

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SOYBEAN DERIVATIVE	NO DATA	NO	NO	NO
TARGET ORGANS				
GAS GASTROINTESTINAL	IRR IRRITANT			
	NER NERVOUS SYSTEM			
CARCINOGENS				
N/A NOT APPLICABLE				

HEALTH & FIRST AID (EMERGENCY TREATMENT PROCEDURES)

INGESTION: INDUCE VOMITING. OBTAIN MEDICAL ATTENTION.

INHALATION: REMOVE TO FRESH AIR. IF SYMPTOMS PERSIST, OBTAIN MEDICAL ATTENTION.

SKIN CONTACT: FLUSH WITH WATER

EYE CONTACT: FLUSH AT LEAST 15 MINUTES WITH WATER. OBTAIN MEDICAL ATTENTION.

COMPOSITION & EXPOSURE LIMITS (COMPOSITION)

INGREDIENTS	CAS NO.	%
CLAY	1332-58-7	50-55
ROSIN	8050-09-7	15-20
ISOPROPYL ALCOHOL	67-63-0	10-15
VEGETABLE OIL	68439-93-0	15-20
SOYBEAN DERIVATIVE	8002-43-5	1-3

FIRE & EXPLOSION HAZARD DATA (FLAMMABILITY AND EXPLOSIVE PROPERTIES)

FLASH POINT: 69 DEG F METHOD: TAG CLOSED CUP

ESTIMATED NFPA CODE:

HEALTH HAZARD: 1 FIRE HAZARD: 3 REACTIVITY HAZARD: 0

SPECIFIC HAZARD: DOES NOT APPLY

ESTIMATED HMIS CODE:

HEALTH HAZARD: 2 FLAMMABILITY HAZARD: 3 REACTIVITY HAZARD: 0

PERSONAL PROTECTION: SEE SECTION X.

EXPLOSIVE LIMITS:

(% BY VOLUME IN AIR) LOWER--2%

(% BY VOLUME IN AIR) UPPER--12%

RECOMMENDED EXTINGUISHING AGENTS: CARBON DIOXIDE, FOAM, DRY CHEMICAL
HAZARDOUS PRODUCTS FORMED BY FIRE OR THERMAL DECOMP: IRRITATING ORGANIC VAPORS

UNUSUAL FIRE OR EXPLOSION HAZARDS: NONE

COMPRESSED GASES: NONE

PRESSURE AT ROOM TEMP.: DOES NOT APPLY

REACTIVITY DATA

STABILITY: STABLE

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

HAZARDOUS DECOMPOSITION PRODUCTS (NON-THERMAL): NONE

INCOMPATIBILITY: STRONG OXIDIZERS

PHYSICAL & CHEMICAL DATA

VAPOR PRESSURE:	33 MM AT 68 DEG F
VAPOR DENSITY:	2.07
SOLUBILITY IN WATER:	PARTIAL
SPECIFIC GRAVITY:	1.5 AT 77 DEG F
BOILING POINT:	180 DEG F
VOLATILE ORGANIC COMPOUND (ASTM D2369):	NOT AVAILABLE
EVAPORATION RATE (ETHER=1):	7.7

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PH:	DOES NOT APPLY
APPEARANCE:	BLACK PASTE
ODOR:	ALCOHOLIC

MFG. PROTECTIVE GEAR (PERSONAL PROTECTION)

EYES: SAFETY GLASSES OR GOGGLES.
SKIN: RUBBER OR PLASTIC GLOVES.
VENTILATION: MUST BE ADEQUATE TO AVOID EXCEEDING TLV.

SPILL OR LEAK AND DISPOSAL PROCEDURES

STEPS TO BE TAKEN IN CASE OF SPILL OR LEAK:
REMOVE SOURCES OF IGNITION. MAINTAIN ADEQUATE VENTILATION. SCRAPE UP AS MUCH AS POSSIBLE AND STORE IN A CLOSED CONTAINER UNTIL DISPOSAL. RESIDUES MAY BE CLEANED UP WITH ISOPROPYL ALCOHOL.
RECOMMENDED METHODS OF DISPOSAL:
INCINERATE FOLLOWING EPA AND LOCAL REGULATIONS.

STORAGE AND HANDLING PROCEDURES

STORAGE: STORE AWAY FROM HEAT AND FLAME.
HANDLING: AVOID PROLONGED BREATHING OF VAPORS. KEEP AWAY FROM EYES. AVOID PROLONGED SKIN CONTACT.

SHIPPING REGULATIONS

TYPE OR CLASS: DOT: ORM-D (LESS THAN ONE QUART); FLAMMABLE LIQUID 9 MORE THAN ONE QUART)
IATA: CLASS 3, PACKING GROUP II
PROPER SHIPPING NAME: DOT: CONSUMER COMMODITY (LESS THAN ONE QUART); RESIN SOLUTION (MORE THAN ONE QUART)
IATA: RESIN SOLUTION, FLAMMABLE UN #1866

PREPARATION INFORMATION

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