

Safety Data Sheet

Supply Co. - PIPE SEALANT WITH PTFE

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MATERIAL SAFETY DATA SHEET

HENKEL

REVISION NUMBER: 003.0

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-----1. PRODUCT AND COMPANY IDENTIFICATION -----

PRODUCT NAME: PIPE SEALANT WITH PTFE

PRODUCT USE: SEALANT

IDH NUMBER: 228430

ITEM NUMBER: 12807

REGION: CANADA

COMPANY ADDRESS:

HENKEL CANADA CORPORATION

2515 MEADOWPINE BOULEVARD

MISSISSAUGA, ONTARIO L5N 6C3

CONTACT INFORMATION:

TELEPHONE: 905.814.6511

MEDICAL EMERGENCY PHONE:

POISON CONTROL CENTER: 1-877-671-4608 (TOLL FREE) OR 1-303-592-1711

TRANSPORT EMERGENCY PHONE:

CHEMTREC: 1-800-424-9300 (TOLL FREE) OR 1-703-527-3887

INTERNET: WWW.HENKELNA.COM

-----2. HAZARDS IDENTIFICATION -----

EMERGENCY OVERVIEW:

PHYSICAL STATE: PASTE

COLOR: WHITE

ODOR: MILD

WHMIS HAZARD CLASS: D.2.A, D.2.B

WARNING:

CAUSES EYE IRRITATION.

MAY CAUSE ALLERGIC SKIN REACTION.

MAY CAUSE RESPIRATORY TRACT IRRITATION.

MAY BE HARMFUL IF SWALLOWED.

RELEVANT ROUTES OF EXPOSURE: SKIN, INHALATION, EYES, INGESTION

POTENTIAL HEALTH EFFECTS:

INHALATION:

MAY CAUSE RESPIRATORY TRACT IRRITATION. VAPORS MAY CAUSE HEADACHES,

NAUSEA, DIZZINESS AND RESPIRATORY TRACT IRRITATION.

SKIN CONTACT:

MAY CAUSE ALLERGIC SKIN REACTION. MAY CAUSE SKIN IRRITATION WITH DISCOMFORT
OR RASH.

EYE CONTACT: CONTACT WITH EYES WILL CAUSE IRRITATION.

INGESTION: MAY BE HARMFUL IF SWALLOWED.

EXISTING CONDITIONS AGGRAVATED BY EXPOSURE:

EYE, SKIN, AND RESPIRATORY DISORDERS.

SEE SECTION 11 FOR ADDITIONAL TOXICOLOGICAL INFORMATION.

-----3. COMPOSITION / INFORMATION ON INGREDIENTS -----

HAZARDOUS COMPONENTS	CAS NUMBER	%
BISPHENOL A FUMARATE RESIN	39382-25-7	10 - 30
MICA	12001-26-2	10 - 30
POLYGLYCOL DIMETHACRYLATE	25852-47-5	10 - 30

POLYGLYCOL DIOCTANOATE	18268-70-7	10 - 30
OCTAN-1-OL	111-87-5	10 - 30
ETHENE, TETRAFLUORO-, HOMOPOLYMER	9002-84-0	5 - 10
SILICA, AMORPHOUS, TREATED	68909-20-6	1 - 5
TITANIUM DIOXIDE	13463-67-7	1 - 5
PROPANE-1,2-DIOL	57-55-6	1 - 5
CUMENE	98-82-8	0.1 - 1

-----4. FIRST AID MEASURES -----

INHALATION:

MOVE TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION.

IF BREATHING IS DIFFICULT, GIVE OXYGEN. GET MEDICAL ATTENTION.

SKIN CONTACT:

IMMEDIATELY FLUSH SKIN WITH PLENTY OF WATER (USING SOAP, IF AVAILABLE).

REMOVE CONTAMINATED CLOTHING AND FOOTWEAR. WASH CLOTHING BEFORE REUSE.

GET MEDICAL ATTENTION.

EYE CONTACT:

RINSE IMMEDIATELY WITH PLENTY OF WATER, ALSO UNDER THE EYELIDS, FOR AT
LEAST 15 MINUTES. GET MEDICAL ATTENTION.

INGESTION:

DO NOT INDUCE VOMITING UNLESS DIRECTED TO DO SO BY MEDICAL PERSONNEL.

NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. GET MEDICAL
ATTENTION.

-----5. FIRE FIGHTING MEASURES -----

FLASH POINT: >93.3 DEG. C (>199.94 DEG. F) TAGLIABUE CLOSED CUP

AUTOIGNITION TEMPERATURE: NOT AVAILABLE.

FLAMMABLE/EXPLOSIVE LIMITS - LOWER: NOT AVAILABLE.

FLAMMABLE/EXPLOSIVE LIMITS - UPPER: NOT AVAILABLE.

EXTINGUISHING MEDIA:

WATER SPRAY (FOG), FOAM, DRY CHEMICAL OR CARBON DIOXIDE.

SPECIAL FIREFIGHTING PROCEDURES:

WEAR SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE CLOTHING, SUCH AS TURN-OUT GEAR. IN CASE OF FIRE, KEEP CONTAINERS COOL WITH WATER SPRAY.

UNUSUAL FIRE OR EXPLOSION HAZARDS:

UNCONTROLLED POLYMERIZATION MAY OCCUR AT HIGH TEMPERATURES RESULTING IN EXPLOSIONS OR RUPTURE OF STORAGE CONTAINERS.

HAZARDOUS COMBUSTION PRODUCTS:

OXIDES OF CARBON. TOXIC FLUORINE COMPOUNDS. IRRITATING ORGANIC VAPOURS.

SENSITIVITY TO MECHANICAL IMPACT: NOT AVAILABLE.

SENSITIVITY TO STATIC DISCHARGE: NOT AVAILABLE.

-----6. ACCIDENTAL RELEASE MEASURES -----

USE PERSONAL PROTECTION RECOMMENDED IN SECTION 8, ISOLATE THE HAZARD AREA AND DENY ENTRY TO UNNECESSARY AND UNPROTECTED PERSONNEL.

ENVIRONMENTAL PRECAUTIONS: DO NOT ALLOW PRODUCT TO ENTER SEWER OR WATERWAYS.

CLEAN-UP METHODS:

REMOVE ALL SOURCES OF IGNITION. EVACUATE AND VENTILATE SPILL AREA; DIKE SPILL TO PREVENT ENTRY INTO WATER SYSTEM; WEAR FULL PROTECTIVE EQUIPMENT DURING CLEANUP. SOAK UP WITH INERT ABSORBENT MATERIAL (E.G. SAND, SILICA GEL, ACID BINDER, UNIVERSAL BINDER, SAWDUST). SCRAPE UP AS MUCH MATERIAL AS POSSIBLE. STORE IN A PARTLY FILLED, CLOSED CONTAINER UNTIL DISPOSAL. REFER TO SECTION 8 "EXPOSURE CONTROLS / PERSONAL PROTECTION" PRIOR TO CLEAN UP.

-----7. HANDLING AND STORAGE -----

HANDLING:

USE ONLY WITH ADEQUATE VENTILATION. PREVENT CONTACT WITH EYES, SKIN AND CLOTHING. DO NOT BREATHE VAPOR AND MIST. WASH THOROUGHLY AFTER HANDLING. KEEP CONTAINER CLOSED. REFER TO SECTION 8.

STORAGE:

FOR SAFE STORAGE, STORE AT OR BELOW 38 DEG. C (100.4 DEG. F) KEEP IN A COOL, WELL VENTILATED AREA AWAY FROM HEAT, SPARKS AND OPEN FLAME. KEEP CONTAINER TIGHTLY CLOSED UNTIL READY FOR USE.

FOR INFORMATION ON PRODUCT SHELF LIFE CONTACT HENKEL CANADA CUSTOMER SERVICE AT 800-263-5043.

-----8. EXPOSURE CONTROLS / PERSONAL PROTECTION -----

EMPLOYERS SHOULD COMPLETE AN ASSESSMENT OF ALL WORKPLACES TO DETERMINE THE NEED FOR, AND SELECTION OF, PROPER EXPOSURE CONTROLS AND PROTECTIVE EQUIPMENT FOR EACH TASK PERFORMED.

HAZARDOUS COMPONENTS	ACGIH TLV	OSHA PEL	AIHA WEEL	OTHER
BISPHENOL A FUMARATE RESIN	NONE	NONE	NONE	NONE
MICA	3 MG/M3 TWA RESPIRABLE FRACTION.	20 MPPCF TWA	NONE	NONE
POLYGLYCOL DIMETHACRYLATE	NONE	NONE	NONE	NONE

POLYGLYCOL DIOCTANOATE	NONE	NONE	NONE	NONE
OCTAN-1-OL	NONE	NONE	50 PPM (265 MG/M3) TWA	NONE
ETHENE, TETRAFLUORO-, HOMOPOLYMER	NONE	NONE	NONE	10 MG/M3 TWA TOTAL DUST. 5 MG/M3 TWA RESPIRABLE FRACTION.
SILICA, AMORPHOUS, TREATED	10 MG/M3 TWA INHALABLE DUST.	6 MG/M3 TWA	NONE	NONE
TITANIUM DIOXIDE	10 MG/M3 TWA	15 MG/M3 PEL TOTAL DUST.	NONE	NONE
PROPANE-1,2-DIOL	NONE	NONE	10 MG/M3 TWA	NONE

AEROSOL.

CUMENE	50 PPM TWA	50 PPM	NONE	NONE
		(245 MG/M3)		
		PEL (SKIN)		

ENGINEERING CONTROLS:

PROVIDE ADEQUATE LOCAL EXHAUST VENTILATION TO MAINTAIN WORKER EXPOSURE BELOW EXPOSURE LIMITS.

RESPIRATORY PROTECTION:

USE NIOSH APPROVED RESPIRATOR IF THERE IS POTENTIAL TO EXCEED EXPOSURE LIMIT(S).

EYE/FACE PROTECTION:

SAFETY GOGGLES OR SAFETY GLASSES WITH SIDE SHIELDS. FULL FACE PROTECTION SHOULD BE USED IF THE POTENTIAL FOR SPLASHING OR SPRAYING OF PRODUCT EXISTS. SAFETY SHOWERS AND EYE WASH STATIONS SHOULD BE AVAILABLE.

SKIN PROTECTION:

USE CHEMICAL RESISTANT, IMPERMEABLE CLOTHING INCLUDING GLOVES AND EITHER AN APRON OR BODY SUIT TO PREVENT SKIN CONTACT. NEOPRENE, BUTYL-RUBBER, OR NITRILE-RUBBER GLOVES.

-----9. PHYSICAL AND CHEMICAL PROPERTIES -----

PHYSICAL STATE: PASTE

COLOR: WHITE

ODOR: MILD

ODOR THRESHOLD: NOT AVAILABLE.

PH: NOT APPLICABLE

VAPOR PRESSURE: <10 MMHg (27 DEG. C (80.6 DEG. F))

BOILING POINT/RANGE: >149 DEG. C (>300.2 DEG. F)

MELTING POINT/RANGE: NOT AVAILABLE.

SPECIFIC GRAVITY: 1.21

VAPOR DENSITY: NOT AVAILABLE.

FLASH POINT: >93.3 DEG. C (>199.94 DEG. F) TAGLIABUE CLOSED CUP

FLAMMABLE/EXPLOSIVE LIMITS - LOWER: NOT AVAILABLE.

FLAMMABLE/EXPLOSIVE LIMITS - UPPER: NOT AVAILABLE.

AUTOIGNITION TEMPERATURE: NOT AVAILABLE.

EVAPORATION RATE: NOT AVAILABLE.

SOLUBILITY IN WATER: SLIGHT

PARTITION COEFFICIENT (N-OCTANOL/WATER): NOT AVAILABLE.

VOC CONTENT:

0.72%

6.86 G/L

-----10. STABILITY AND REACTIVITY -----

STABILITY: STABLE UNDER NORMAL CONDITIONS OF STORAGE AND USE.

HAZARDOUS REACTIONS:

NONE UNDER NORMAL PROCESSING. POLYMERIZATION MAY OCCUR AT ELEVATED TEMPERATURE OR IN THE PRESENCE OF INCOMPATIBLE MATERIALS.

HAZARDOUS DECOMPOSITION PRODUCTS:

OXIDES OF CARBON. TOXIC FLUORINE COMPOUNDS. IRRITATING ORGANIC VAPOURS.

INCOMPATIBLE MATERIALS: STRONG OXIDIZING AGENTS.

CONDITIONS TO AVOID:

ELEVATED TEMPERATURES. HEAT, FLAMES, SPARKS AND OTHER SOURCES OF IGNITION.

STORE AWAY FROM INCOMPATIBLE MATERIALS.

-----11. TOXICOLOGICAL INFORMATION -----

ACUTE ORAL PRODUCT TOXICITY:

LD50 (RAT): >10,000 MG/KG

ACUTE DERMAL PRODUCT TOXICITY:

LD50 (RABBIT): >5,000 MG/KG

TOXICOLOGICALLY SYNERGISTIC PRODUCTS: NOT AVAILABLE.

REFER TO THE FOLLOWING FOR IRRITANCY OF PRODUCT, SENSITIZATION TO PRODUCT,
 CARCINOGENICITY, REPRODUCTIVE TOXICITY, TERATOGENICITY, AND MUTAGENICITY.

HAZARDOUS COMPONENTS	NTP	IARC	OSHA	ACGIH
	CARCINOGEN	CARCINOGEN	CARCINOGEN	CARCINOGEN
			(SPECIFICALLY REGULATED)	
BISPHENOL A FUMARATE RESIN	NO	NO	NO	NO
MICA	NO	NO	NO	NO
POLYGLYCOL DIMETHACRYLATE	NO	NO	NO	NO
POLYGLYCOL DIOCTANOATE	NO	NO	NO	NO
OCTAN-1-OL	NO	NO	NO	NO
ETHENE,	NO	NO	NO	NO

TETRAFLUORO- ,
HOMOPOLYMER

SILICA, AMORPHOUS, NO NO NO NO
TREATED

TITANIUM DIOXIDE NO GROUP 2B NO GROUP A4

PROPANE-1,2-DIOL NO NO NO NO

CUMENE NO GROUP 2B NO NO

HAZARDOUS COMPONENTS LD50S AND LC50S HEALTH EFFECTS/TARGET ORGANS

BISPHENOL A FUMARATE NONE NO TARGET ORGANS
RESIN

MICA NONE LUNG

POLYGLYCOL NONE ALLERGEN, IRRITANT
DIMETHACRYLATE

POLYGLYCOL NONE IRRITANT

DIOCTANOATE

OCTAN-1-OL

ORAL LD50 (RAT):

CENTRAL NERVOUS SYSTEM,

>5 G/KG

IRRITANT

DERMAL LD50 (RABBIT):

>5 G/KG

ETHENE,

NONE

NO TARGET ORGANS

TETRAFLUORO-,

HOMOPOLYMER

SILICA, AMORPHOUS,

NONE

NO TARGET ORGANS

TREATED

TITANIUM DIOXIDE

NONE

IRRITANT, RESPIRATORY,

SOME EVIDENCE OF

CARCINOGENICITY

PROPANE-1,2-DIOL

ORAL LD50 (RABBIT):

IRRITANT

18 G/KG

ORAL LD50 (RAT):

30 G/KG

CUMENE

ORAL LD50 (RAT):

CENTRAL NERVOUS SYSTEM,

2.91 G/KG

IRRITANT, LUNG

ORAL LD50 (RAT):

1,400 MG/KG

INHALATION LC50

(RAT, 4 H): 8000 PPM

-----12. ECOLOGICAL INFORMATION -----

ECOLOGICAL INFORMATION: NOT AVAILABLE.

-----13. DISPOSAL CONSIDERATIONS -----

INFORMATION PROVIDED IS FOR UNUSED PRODUCT ONLY.

RECOMMENDED METHOD OF DISPOSAL:

FOLLOW ALL LOCAL, STATE, FEDERAL AND PROVINCIAL REGULATIONS FOR DISPOSAL.

-----14. TRANSPORT INFORMATION -----

THE SHIPPING CLASSIFICATIONS IN THIS SECTIONS ARE FOR NON-BULK PACKAGING ONLY (UNLESS OTHERWISE SPECIFIED). SHIPPING CLASSIFICATION MAY BE DIFFERENT FOR BULK PACKAGING.

CANADA TRANSPORTATION OF DANGEROUS GOODS - GROUND:

PROPER SHIPPING NAME: NOT REGULATED

HAZARD CLASS OR DIVISION: NONE

IDENTIFICATION NUMBER: NONE

PACKING GROUP: NONE

INTERNATIONAL AIR TRANSPORTATION (ICAO/IATA):

PROPER SHIPPING NAME: NOT REGULATED

HAZARD CLASS OR DIVISION: NONE

IDENTIFICATION NUMBER: NONE

PACKING GROUP: NONE

WATER TRANSPORTATION (IMO/IMDG):

PROPER SHIPPING NAME: NOT REGULATED

HAZARD CLASS OR DIVISION: NONE

IDENTIFICATION NUMBER: NONE

PACKING GROUP: NONE

-----15. REGULATORY INFORMATION -----

CANADA REGULATORY INFORMATION:

CEPA DSL/NDSL STATUS:

ALL COMPONENTS ARE LISTED ON OR ARE EXEMPT FROM LISTING ON THE CANADIAN
DOMESTIC SUBSTANCES LIST.

UNITED STATES REGULATORY INFORMATION:

TSCA 8 (B) INVENTORY STATUS:

ALL COMPONENTS ARE LISTED OR ARE EXEMPT FROM LISTING ON THE TOXIC SUBSTANCES
CONTROL ACT INVENTORY.

-----16. OTHER INFORMATION -----

THIS MATERIAL SAFETY DATA SHEET CONTAINS CHANGES FROM THE PREVIOUS VERSION

IN SECTIONS: 2,,4,5,6,7,8,10

THIS PRODUCT HAS BEEN CLASSIFIED IN ACCORDANCE WITH THE HAZARD CRITERIA OF THE CONTROLLED PRODUCTS REGULATION (CPR), AND THE MSDS CONTAINS ALL THE INFORMATION REQUIRED BY THE CPR.

PREPARED BY: SHEILA GINES, REGULATORY AFFAIRS SPECIALIST

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