

SAFETY DATA SHEETS

This SDS packet was issued with item:

071099704

The safety data sheets (SDS) in this packet apply to the individual products listed below. Please refer to invoice for specific item number(s).

071099712

SECTION 1: IDENTIFICATION OF PRODUCT

FORMULA: WATER REPELLANT RELEASE AGENT.

SYNONYM OR CROSS REFERENCE: **PETRO-SIL™ (Felix Dental Manufacturing)**

AMERICAN DENTAL SUPPLY, INC.
1075 N. Gilmore Street
Allentown, PA 18109-3210
www.americandentalsupply.net
(800) 558-5925

**MATERIAL
SAFETY
DATA****NFPA RATINGS**

HEALTH HAZARD: 1
FIRE & EXPLOSION: 3
REACTIVITY: 0
PROTECTION: B

SECTION 2: HAZARDOUS INGREDIENTS

MATERIAL: ALIPHATIC HYDROCARBON CAS # 142-82-5 (85 - 95%)

RELEASE AGENT PROPRIETARY NON-HAZARDOUS (5 -10%)

NATURE OF HAZARD: FLAMMABLE LIQUID; MILD IRRITANT TO EYES, RESPIRATORY SYSTEM AND SKIN.

SECTION 3: PHYSICAL DATA

MELTING POINT: N/A

BOILING POINT: 205° F.

VAPOR PRESSURE: 45 MM AT 68° F

SPECIFIC GRAVITY: 0.74

VAPOR DENSITY: (AIR = 1) 3.4

WATER SOLUBILITY: NEGLIGIBLE

PH OF SOLUTION: N/A

PERCENT VOLATILE: GREATER THAN 50%

EVAPORATION RATE: (BUAC = 1) 4.5

APPEARANCE: COLORLESS, CLEAR OR SLIGHTLY HAZY MOBILE LIQUID. CHARACTERISTIC MILD ODOR.

SECTION 4: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (method used): 25°F BY TCC

FLAMMABLE LIMITS: LEL = 1.1%, UEL = 7.0%

FIRE EXTINGUISHING MEDIA: CARBON DIOXIDE, DRY CHEMICAL MAY BE USED.

SPECIAL FIRE FIGHTING PROCEDURES: WEAR PERSONAL PROTECTIVE EQUIPMENT TO PREVENT CONTACT WITH SKIN AND EYES.

UNUSUAL FIRE AND EXPLOSION HAZARD: VAPORS MAY BE IGNITED BY HEAT, SPARKS, FLAMES OR STATIC ELECTRICITY. CONTAINER MAY RUPTURE IF EXPOSED TO EXTREME HEAT OF A FIRE.

SECTION 5: HEALTH HAZARD

THRESHOLD LIMIT VALUE: TLV-TWA 400 PPM BY ACGIH.

HEALTH HAZARDS: Effects of overexposure to product.

Skin: CAN CAUSE SKIN IRRITATION. PROLONGED OR REPEATED EXPOSURE TO SKIN CAN CAUSE DEFATTING AND DERMATITIS.

Eyes: DIRECT CONTACT WITH VAPOR OR MIST IS IRRITATING TO THE EYES. CAN CAUSE TEMPORARY DISCOMFORT WITH REDNESS AND DRYNESS.

Inhalation: EXCESSIVE AND PROLONGED INHALATION OF HIGH CONCENTRATIONS OF VAPOR OR MIST IS IRRITATING TO THE UPPER RESPIRATORY SYSTEM. CAN CAUSE DIZZINESS, WEAKNESS, FATIGUE, HEADACHE.

Ingestion: LOW TOXICITY EXPECTED. SWALLOWING SMALL AMOUNTS IS NOT EXPECTED TO CAUSE SERIOUS INJURY. SWALLOWING LARGE AMOUNTS MAY CAUSE DIGESTIVE DISCOMFORT, CNS DEPRESSION.

FIRST AID PROCEDURES:

Skin: IF CONTACTED, WASH WELL WITH MILD SOAP AND WATER. IF IRRITATION DEVELOPS OR PERSISTS CONTACT A PHYSICIAN.

Eyes: IF CONTACTED, FLUSH EYES WITH COOL WATER FOR 15 MINUTES. IF IRRITATION PERSISTS CONTACT A PHYSICIAN.

Inhalation: IF AFFECTED, REMOVE TO FRESH AIR. IF BREATHING IS DIFFICULT OR IF SYMPTOMS PERSIST CONTACT A PHYSICIAN.

Ingestion: IF SWALLOWED, WASH OUT MOUTH WITH WATER. DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION FOR HYDROCARBON INGESTION.

CARCINOGENICITY: NO INGREDIENT IDENTIFIED AS CARCINOGEN OR POTENTIAL CARCINOGEN BY NTP, IARC, OR OSHA.

SECTION 6: REACTIVITY DATA

STABILITY: STABLE.

CONDITIONS TO AVOID: EXTREME HEAT, SOURCES OF IGNITION.

INCOMPATIBILITY (MATERIALS TO AVOID): STRONG OXIDIZING AGENTS.

HAZARDOUS DECOMPOSITION PRODUCTS: CARBON DIOXIDE, CARBON MONOXIDE.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

SECTION 7: SPILL AND DISPOSAL PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

EXTINGUISH OR REMOVE ALL NEARBY SOURCES OF IGNITION. ABSORB LIQUID ON PAPER TOWELING OR SPILL ABSORBENT AND TRANSFER TO AN EXHAUST HOOD FOR EVAPORATION TO DRYNESS. WEAR PERSONAL PROTECTIVE EQUIPMENT TO AVOID CONTACT WITH THE LIQUID AND VAPOR. WASH SPILL SITE DOWN WITH WATER.

WASTE DISPOSAL METHOD:

STORE IN AN APPROVED, CLOSED METAL CAN. DRIED RESIDUES CAN BE DISCARDED WITH REGULAR TRASH.

SECTION 8: PROTECTION INFORMATION

VENTILATION: LOCAL EXHAUST PREFERRED. GENERAL (MECHANICAL) IS SUFFICIENT IF SENSITIVITY DOES NOT EXIST.

SKIN: NITRILE GLOVES ARE EFFECTIVE BUT NOT USUALLY REQUIRED IN NORMAL HANDLING PROCEDURES.

EYES: CHEMICAL SPLASH GOGGLES ARE PREFERRED. REGULAR SAFETY GLASSES ARE GENERALLY ACCEPTABLE. DO NOT WEAR CONTACT LENSES WHEN HANDLING CHEMICALS.

RESPIRATORY: NONE NEEDED FOR LAB QUANTITIES IF VENTILATION IS ADEQUATE.

OTHER PROTECTIVE EQUIPMENT: EYE-WASH STATION.

SECTION 9: HANDLING AND STORAGE (lab quantities)

KEEP CONTAINERS WELL CLOSED. STORE IN COOL, DRY, WELL VENTILATED AREA. AVOID HEAT AND DIRECT SUNLIGHT. FOR LABORATORY OR OFFICE USE ONLY. KEEP OUT OF REACH OF CHILDREN. NORMAL PRECAUTIONS OF LABORATORY GOOD HOUSEKEEPING PRACTICES AND PRACTICES RELATED TO THE HANDLING OF FLAMMABLE LIQUIDS SHOULD BE FOLLOWED.

SECTION 10: MISCELLANEOUS INFORMATION

EMERGENCY RESPONSE: INFOTRAC: 1-800-535-5053

SALES INFORMATION: 1-800-558-5925 (8 AM TO 6 PM EST, MONDAY TO FRIDAY)

Revision Date: 3/1/2013

Information Furnished By: L. D. Hochhauser
Product Development Mgr.

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SAFETY DATA SHEET

SECTION 1: IDENTIFICATION OF PRODUCT

PRODUCT NAME: **PETRO-SIL™ (FELIX DENTAL MANUFACTURING)**

APPLICATION: WATER REPELLANT RELEASE AGENT

EMERGENCY CONTACT: **INFOTRAC: 1-352-323-3500, TOLL-FREE 1-800-535-5053**

SECTION 2: HAZARDS IDENTIFICATION (CLASSIFICATION)

HIGHLY FLAMMABLE LIQUID AND VAPOR: CAUSES SKIN IRRITATION: CAUSES SERIOUS EYE IRRITATION. ASPIRATION HAZARD.



SECTION 2A: PHYSICAL HAZARDS

H225: HIGHLY FLAMMABLE LIQUID AND VAPOR: CATEGORY 2:

SECTION 2B: HEALTH HAZARDS

THRESHOLD LIMIT VALUE: TLV-TWA 400 PPM. ACGIH

SKIN: H315: CAUSES SKIN IRRITATION: CATEGORY 2.

EYES: H319: CAUSES SERIOUS EYE IRRITATION: CATEGORY 2B.

INHALATION: H333: MAY BE HARMFUL IF INHALED: CATEGORY 5.

INGESTION: H305: MAY BE HARMFUL IF SWALLOWED AND ENTERS AIRWAYS.

CARCINOGENICITY: NO INGREDIENT IDENTIFIED AS CARCINOGEN OR POTENTIAL CARCINOGEN BY NTP, IRAC OR OSHA.

SECTION 3: COMPOSITION / INGREDIENTS

MIXTURE: ☒ Yes ☐ No

ALIPHATIC PETROLEUM DISTILLATES, N.O.S. UN1268 GREATER THAN 60%
RELEASE AGENT (PROPRIETARY) LESS THAN 40%

SECTION 4: FIRST AID MEASURES

SKIN: P302+352: IF ON SKIN: WASH WELL WITH SOAP AND WATER

EYES: P305+351+338: IF IN EYES: RINSE CAUTIOUSLY WITH WATER FOR SEVERAL MINUTES. REMOVE CONTACT LENSES IF PRESENT AND EASY TO DO – CONTINUE RINSING. P337+313: IF EYE IRRITATION PERSISTS GET MEDICAL ADVICE/ATTENTION

INHALATION: P304+340: IF INHALED: REMOVE VICTIM TO FRESH AIR AND KEEP AT REST IN A POSITION COMFORTABLE FOR BREATHING. P342+311: IF EXPERIENCING RESPIRATORY SYMPTOMS: CALL A POISON CENTER OR DOCTOR/PHYSICIAN.

INGESTION: P301+330+331: IF SWALLOWED: RINSE MOUTH. DO NOT INDUCE VOMITING. P311: CALL A POISON CENTER/PHYSICIAN.

SECTION 5: FIREFIGHTING MEASURES

FLASH POINT: 25° F BY TCC

FLAMMABLE LIMITS: FLAMMABLE. LIMITS LEL = 1.1% UEL = 7.0%

FIRE EXTINGUISHING MEDIA: P370+378: IN CASE OF FIRE: USE FOR EXTINCTION ; DRY CHEMICAL, CARBON DIOXIDE.

SPECIAL FIRE FIGHTING PROCEDURES: NONE FOR LAB QUANTITIES.

UNUSUAL FIRE AND EXPLOSION HAZARD: FLAMMABLE LIQUID. VAPORS MAY BE IGNITED BY HEAT, SPARKS, FLAMES OR STATIC ELECTRICITY. CONTAINER MAY RUPTURE IS EXPOSED TO EXTREME HEAT.

SECTION 6: ACCIDENTAL RELEASE MEASURES

PRECAUTIONS: N/A

PROCEDURES: EXTINGUISH ALL NEARBY SOURCES OF IGNITION. ABSORB LIQUID ON PAPER TOWELING, VERMICULITE OR ABSORBANT PADS AND ALLOW TO EVAPORATE IN A HOOD OR OPEN AIR. VENTILATE THE AREA.

SECTION 7: HANDLING AND STORAGE (LAB QUANTITIES)

P102: KEEP OUT OF REACH OF CHILDREN. P402+404: STORE IN A DRY PLACE. STORE IN A CLOSED CONTAINER. P403+235+410: STORE IN A WELL VENTILATED PLACE. KEEP COOL. PROTECT FROM SUNLIGHT. FOR LABORATORY OR OFFICE USE ONLY. DO NOT MIX WITH OTHER MATERIALS UNLESS DIRECTED TO DO SO. NORMAL PRECAUTIONS OF LABORATORY GOOD HOUSEKEEPING PRACTICES SHOULD BE FOLLOWED.

SECTION 8: EXPOSURE CONTROLS (PERSONAL PROTECTION)

VENTILATION: LOCAL EXHAUST PREFERRED. GENERAL IS ACCEPTABLE IF LEVELS ARE KEPT BELOW TLV.

SKIN: P281: USE PERSONAL PROTECTIVE EQUIPMENT AS REQUIRED. NITRILE OR RUBBER IMPERMEABLE GLOVES.

EYES: P281: USE PERSONAL PROTECTIVE EQUIPMENT AS REQUIRED. SAFETY GLASSES OR GOGGLES. DO NOT WEAR CONTACT LENSES WHEN HANDLING CHEMICALS.

RESPIRATORY: NONE NEEDED FOR LAB QUANTITIES.

OTHER: EYE WASH STATION.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: CLEAR, COLORLESS THIN LIQUID, CHARACTERISTIC ODOR.

PH OF SOLUTION: N.A.

MELTING POINT: N.A.

BOILING POINT: APPROXIMATELY 205° F

SPECIFIC GRAVITY: (H2O=1) 0.76 @ 68° F

EVAPORATION RATE: 4.5 (BUAC = 1)

VAPOR DENSITY: 3.4 (AIR = 1)

PERCENT VOLATILE: GREATER THAN 50%

VAPOR PRESSURE: 45 MM HG AT 68° F

WATER SOLUBILITY: NEGLIGIBLE

SECTION 10: REACTIVITY DATA

STABILITY: STABLE

CONDITIONS TO AVOID: EXTREME HEAT.

INCOMPATIBILITY (MATERIALS TO AVOID): STRONG OXIDIZERS.

HAZARDOUS DECOMPOSITION PRODUCTS: COMBUSTION PRODUCES CARBON DIOXIDE AND MONOXIDE.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR.

REACTIVITY WITH WATER: N/A

SECTION 11: TOXICOLOGICAL INFORMATION

ACUTE EXPOSURE: SIGNS AND SYMPTOMS:

SKIN: PROLONGED OR REPEATED CONTACT CAN CAUSE IRRITATION DEFATTING AND DERMATITIS.

EYES: CAN CAUSE IRRITATION, REDNESS, TEARING, BLURRY VISION.

INHALATION: EXCESSIVE INHALATION OF HIGH CONCENTRATIONS CAN CAUSE NOSE AND THROAT IRRITATION, DIZZINESS, WEAKNESS, FATIGUE, NAUSEA, HEADACHE.

INGESTION: CAN CAUSE GASTROINTESTINAL IRRITATION, CNS DEPRESSION. ASPIRATION HAZARD.

CHRONIC EXPOSURE: N/A

SENSITIZER: N/A

CARCINOGENICITY: NO INGREDIENT IDENTIFIED AS CARCINOGEN OR POTENTIAL CARCINOGEN BY NTP, IRAC OR OSHA.

TERATOGENICITY: N/A

EMBRYOTOXICITY: N/A

MUTAGENICITY: N/A

PRE-EXISTING CONDITIONS: N/A

SECTION 12: ECOLOGICAL INFORMATION

ECOTOXITY: NOT EXPECTED TO BE SIGNIFICANT.

DEGRADABILITY: ALL COMPONENTS ARE VOLATILE AND NOT OZONE DEPLETERS.

BIOACCUMULATION: NOT EXPECTED TO BIO-ACCUMULATE.

MOBILITY IN SOIL: ALL COMPONENTS ARE VOLATILE AND/OR WATER INSOLUBLE.

SECTION 13: DISPOSAL INFORMATION

ABSORBED MATERIAL IN CLOSED METAL CAN; DRIED ABSORBER IN REGULAR TRASH.

SECTION 14: TRANSPORT INFORMATION

UN NUMBER: UN 1268

SHIPPING NAME: PETROLEUM DISTILLATES NOS

CLASS: Class 3

PACKING GROUP: PG II.

MARINE POLLUTANT: N/A

WARNING SYMBOL: FLAMMABLE, IRRITANT

OTHER: N/A

SECTION 15: REGULATORY INFORMATION

LABELING: FLAMMABLE, IRRITANT PICTOGRAMS.

NFPA RATINGS: HEALTH HAZARD: 1 FIRE & EXPLOSION: 3 REACTIVITY: 0 SPECIAL PROTECTION: B

NATIONAL REGULATIONS:

TSCA: ALL COMPONENTS ARE ON THE TSCA INVENTORY LIST.

SARA: N/A. EXTREMELY HAZARDOUS MATERIALS: NONE LISTED.

SARA SECTION 313: N/A

INAPPLICABLE: NO COMPONENTS ARE SUBJECT TO TSCA SNUR LISTING.

FOREIGN REGULATIONS:

ALL COMPONENTS ARE ON THE EU EINECS INVENTORY LIST AND THE CANADIAN DSL.

SECTION 16: OTHER INFORMATION

REGULATIONS RELATED TO STORAGE OF FLAMMABLE LIQUIDS SHOULD BE FOLLOWED.

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SALES INFORMATION: 1-800-558-5925 (8 AM TO 6 PM EST, MONDAY TO FRIDAY)

Revision Date: 8/25/2017

Information Furnished By: L. D. Hochhauser
Product Development Mgr.

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