

SAFETY DATA SHEETS

This SDS packet was issued with item:

071100999

N/A

SECTION 1: IDENTIFICATION OF PRODUCT

FORMULA: PURE SILICONE AEROSOL LUBRICANT AND RELEASE AGENT

SYNONYM OR CROSS REFERENCE: **SILICONE MOLD RELEASE AGENT****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: 2
REACTIVITY: 0
PROTECTION: A**SECTION 2: HAZARDOUS INGREDIENTS**

MATERIAL: (A) PETROLEUM DISTILLATE CARRIER

(B) (PROPELLANT) CARBON DIOXIDE

NATURE OF HAZARD: MILD IRRITANT TO SKIN AND RESPIRATORY SYSTEM.

SECTION 3: PHYSICAL DATA

MELTING POINT: °F: -49°F

BOILING POINT: °F: (CONCENTRATE) 165°F

VAPOR PRESSURE: (mm Hg): 100 psig.

SPECIFIC GRAVITY: (H₂O=1): 1.19

VAPOR DENSITY: (AIR =1): More than 3.

WATER SOLUBILITY: VERY SLIGHT.

PH OF SOLUTION: N/A

PERCENT VOLATILE: SILICONE COMPONENT IS NON-VOLATILE.

EVAPORATION RATE: (BuAc =1): N/A

APPEARANCE: CLEAR COLORLESS LIQUID WITH MILD ETHEREAL ODOR (CONCENTRATE).

SECTION 4: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (method used): N/A

FLAMMABLE LIMITS: LEL : 0.7% UEL: 6.0%

FIRE EXTINGUISHING MEDIA: CARBON DIOXIDE, DRY CHEMICAL, FOAM.

SPECIAL FIRE FIGHTING PROCEDURES: NONE FOR LAB QUANTITIES.

UNUSUAL FIRE AND EXPLOSION HAZARD: IF EXPOSED TO EXTREME HEAT, AEROSOL CANS CAN RUPTURE.

SECTION 5: HEALTH HAZARD

THRESHOLD LIMIT VALUE: TLV (ACGIH): NONE ESTABLISHED BY OSHA.

HEALTH HAZARDS: Effects of overexposure to product.

Skin: MILD IRRITANT AND DRYING.

Eyes: DIRECT CONTACT CAN CAUSE IRRITATION.

Inhalation: PROLONGED OVEREXPOSURE CAN CAUSE CNS DEPRESSION.

Ingestion: CAN CAUSE ABDOMINAL CRAMPS AND DIARRHEA.

FIRST AID PROCEDURES:

Skin: WASH WELL WITH SOAP AND WATER.

Eyes: RINSE WELL WITH WATER. IF IRRITATION PERSISTS CONTACT A PHYSICIAN.

Inhalation: IF AFFECTED, REMOVE TO FRESH AIR. IF IRRITATION PERSISTS CONTACT A PHYSICIAN.

Ingestion: DO NOT INDUCE VOMITTING. CONTACT A PHYSICIAN.

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

SECTION 6: REACTIVITY DATA

STABILITY: STABLE.

CONDITIONS TO AVOID: EXTREME HEAT.

INCOMPATIBILITY (MATERIALS TO AVOID): STRONG OXIDIZING AGENTS AND ALKALIES.

HAZARDOUS DECOMPOSITION PRODUCTS: COMBUSTION WILL FORM CO, CO₂.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR.

SECTION 7: SPILL AND DISPOSAL PROCEDURES

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

USE ABSORBANT MATERIALS TO SOAK UP OR WIPE OFF ANY LIQUID.

WASTE DISPOSAL METHOD:

DISPOSE OF IN REGULAR TRASH.

SECTION 8: PROTECTION INFORMATION

VENTILATION: MECHANICAL (GENERAL) IS ACCEPTABLE.

SKIN: PROTECTIVE GLOVES NOT REQUIRED IN NORMAL USE. (VINYL IS ACCEPTABLE).

EYES: SPLASH GOGGLES ARE RECOMMENDED. DO NOT WEAR CONTACT LENSES WHEN HANDLING CHEMICALS.

RESPIRATORY: NONE REQUIRED IN NORMAL USE.

OTHER PROTECTIVE EQUIPMENT: EYE WASH STATION.

SECTION 9: HANDLING AND STORAGE (lab quantities)

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

SECTION 10: MISCELLANEOUS INFORMATION

REGULATIONS RELATED TO HANDLING AND STORAGE OF PRESSURIZED AEROSOL LIQUIDS SHOULD BE FOLLOWED.

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

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

SHIPPING INFORMATION: "Aerosols, Non-Flammable", Hazard Class 2.2, Label Code 2.2-1, UN1950 (no listed Packing Group). Can go ORM-D for domestic ground shipments.

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: **SILICONE MOLD RELEASE, 16 OZ.**

APPLICATION: PURE SILICONE AEROSOL GENERAL PURPOSE LUBRICANT AND RELEASE AGENT

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

SECTION 2: HAZARDS IDENTIFICATION (CLASSIFICATION)

DANGER: H223: FLAMMABLE AEROSOL, CATEGORY 2: H229: PRESSURIZED CONTAINER: MAY BURST IF HEATED.

WARNING: IRRITANT TO SKIN. CAUSES SERIOUS EYE IRRITATION. MAY CAUSE RESPIRATORY IRRITATION AND CNS DEPRESSION SYMPTOMS.



SECTION 2A: PHYSICAL HAZARDS

DANGER: H223: FLAMMABLE AEROSOL, CATEGORY 2: H229: PRESSURIZED CONTAINER: MAY BURST IF HEATED.

SECTION 2B: HEALTH HAZARDS

THRESHOLD LIMIT VALUE: OSHA PEL - NONE ESTABLISHED. 100 PPM SUGGESTED AS A GUIDE . ACGIH TWA 0.1 PPM SUGGESTED.

SKIN: H316: CAUSES MILD SKIN IRRITATION. CATEGORY 3:

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

INHALATION: H332: HARMFUL IF INHALED. CATEGORY 4. H335: MAY CAUSE RESPIRATORY IRRITATION. CATEGORY 3:
H336: MAY CAUSE DROWSINESS OR DIZZINESS. CATEGORY 3

INGESTION: H302: HARMFUL IF SWALLOWED. CATEGORY 4:

CARCINOGENICITY: NO INGREDIENTS IDENTIFIED AS PROVEN HUMAN CARCINOGEN BY NTP, IARC, OR OSHA.

SECTION 3: COMPOSITION / INGREDIENTS

MIXTURE: ☒ Yes ☐ No

(A) PETROLEUM DISTILLATE CARRIER

(B) (PROPELLANT) CARBON DIOXIDE

(C) SILICONE RELEASE AGENT (PROPRIETARY)

NON-HAZARDOUS INGREDIENTS WILL NOT BE SEPARATELY LISTED.

SECTION 4: FIRST AID MEASURES

SKIN: P302+352: IF ON SKIN: WASH WITH PLENTY OF SOAP AND WATER.

P332+313: IF SKIN IRRITATION OCCURS: CONTACT A POISON CENTER OR DOCTOR/PHYSICIAN.

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: P330 + 331: RINSE MOUTH. DO NOT INDUCE VOMITING. 301+310: IF SWALLOWED, CALL A POISON CENTER/PHYSICIAN.

SECTION 5: FIREFIGHTING MEASURES

FLASH POINT: N/A.

FLAMMABLE LIMITS: LEL : 0.7% UEL: 6.0%

FIRE EXTINGUISHING MEDIA: P370+378: IN CASE OF FIRE: USE ANY MEANS APPROPRIATE FOR ADJACENT COMBUSTIBLE MATERIALS. CARBON DIOXIDE, DRY CHEMICAL OR FOAM.

SPECIAL FIRE FIGHTING PROCEDURES: P370+376: IF SAFE TO DO SO, REMOVE CONTAINERS FROM SOURCE OF HEAT AND COOL THEM.

UNUSUAL FIRE AND EXPLOSION HAZARD: WHEN HEATED TO DECOMPOSITION, EMITS IRRITATING FUMES. CANS MAY RUPTURE. IF EXPOSED TO EXTREME HEAT, AEROSOL CANS CAN RUPTURE EXPLOSIVELY OR LEAK. FIGHT FIRE REMOTELY IF THERE IS DANGER OF EXPLOSION.

SECTION 6: ACCIDENTAL RELEASE MEASURES

PRECAUTIONS: N/A

PROCEDURES: VENTILATE THE AREA. ELIMINATE SOURCES OF IGNITION. AVOID EXCESSIVE BREATHING OF VAPOR. IF EXPOSED TO HEAT, AEROSOL CANS CAN RUPTURE EXPLOSIVELY OR LEAK. FIGHT FIRE REMOTELY IF THERE IS DANGER OF EXPLOSION.

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 AS WELL AS PRECAUTIONS APPROPRIATE FOR PRESSURIZED CONTAINERS.

SECTION 8: EXPOSURE CONTROLS (PERSONAL PROTECTION)

VENTILATION: LOCAL EXHAUST PREFERRED.

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 REQUIRED IN NORMAL USE.

OTHER: EYE WASH STATION.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: METAL AEROSOL CAN. CLEAR COLORLESS LIQUID WITH MILD ETHEREAL ODOR (CONCENTRATE).

PH OF SOLUTION: N.A.

MELTING POINT: N.A.

BOILING POINT: APPROXIMATELY 165° F (LIQUID CONCENTRATE ONLY)

SPECIFIC GRAVITY: (H₂O = 1) 1.19 @ 68° F (LIQUID CONCENTRATE ONLY)

EVAPORATION RATE: (BUAC = 1) GREATER THAN 1. APPROXIMATELY 165° F (LIQUID CONCENTRATE ONLY)

VAPOR DENSITY: (AIR = 1) 4.3

PERCENT VOLATILE: GREATER THAN 90%

VAPOR PRESSURE: (MM.HG) N/A

WATER SOLUBILITY: NEGLIGIBLE

SECTION 10: REACTIVITY DATA

STABILITY: STABLE

CONDITIONS TO AVOID: VERY VOLATILE SOLVENT. AVOID HEAT. CONTACT WITH HEATED METAL SURFACES OR FIRE CAN LIBERATE IRRITATING FUMES.

INCOMPATIBILITY (MATERIALS TO AVOID): STRONG OXIDIZING AGENTS AND ALKALIES.

HAZARDOUS DECOMPOSITION PRODUCTS: THERMAL DECOMPOSITION EMITS IRRITATING FUMES.

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 MILD IRRITATION AND DRYING.

EYES: DIRECT CONTACT WILL CAUSE IRRITATION, REDNESS, TEARING AND BLURRY VISION.

INHALATION: EXCESSIVE INHALATION OF HIGH CONCENTRATIONS WILL CAUSE NOSE AND THROAT IRRITATION, DIZZINESS, WEAKNESS, FATIGUE, NAUSEA, HEADACHE.
INGESTION: CAN CAUSE GASTROINTESTINAL IRRITATION, CNS DEPRESSION.
CHRONIC EXPOSURE: N/A
SENSITIZER: N/A
CARCINOGENICITY: NO INGREDIENTS IDENTIFIED AS CARCINOGEN OR POTENTIAL CARCINOGEN BY NTP, IARC, OR OSHA
TERATOGENICITY: N/A
EMBRYOTOXICITY: N/A
MUTAGENICITY: N/A
PRE-EXISTING CONDITIONS: N/A

SECTION 12: ECOLOGICAL INFORMATION

ECOTOXICITY: LAB QUANTITIES ARE NOT EXPECTED TO BE SIGNIFICANT.
DEGRADABILITY: LAB QUANTITIES ARE NOT EXPECTED TO BE SIGNIFICANT. ALL COMPONENTS ARE VOLATILE EXCEPT INERT SILICONE LUBRICANT.
BIOACCUMULATION: NOT EXPECTED TO BIO-ACCUMULATE.
MOBILITY IN SOIL: LAB QUANTITIES ARE NOT EXPECTED TO BE SIGNIFICANT. ALL COMPONENTS ARE VOLATILE OR INSOLUBLE IN WATER.

SECTION 13: DISPOSAL INFORMATION

WHEN CAN IS COMPLETELY EMPTY, DISPOSE OF IN REGULAR TRASH. DO NOT PUNCTURE OR INCINERATE CAN EVEN WHEN EMPTY.

SECTION 14: TRANSPORT INFORMATION

UN NUMBER: UN1950
SHIPPING NAME: AEROSOLS, FLAMMABLE
CLASS: 2.1
PACKING GROUP: NONE LISTED
MARINE POLLUTANT: N/A
WARNING SYMBOL: FLAMMABLE, GAS UNDER PRESSURE, IRRITANT
OTHER: SPECIAL PROVISIONS N82, EXCEPTIONS 306, FORBIDDEN ON PASSENGER AIRCRAFT, CAN GO 150 KG ON CARGO AIRCRAFT.

SECTION 15: REGULATORY INFORMATION

LABELING: FLAMMABLE, PRESSURIZED GAS, IRRITANT PICTOGRAM.
NFPA RATINGS: HEALTH HAZARD: 1 FIRE & EXPLOSION: 2 REACTIVITY: 0 SPECIAL PROTECTION: A
NATIONAL REGULATIONS:
TSCA: ALL COMPONENTS ARE ON THE USA TSCA INVENTORY LIST.

SARA: SARA SECTION 302: EXTREMELY HAZARDOUS SUBSTANCES: NONE LISTED.
SARA SECTION 313: N/A.
INAPPLICABLE: SNUR LISTING: NO COMPONENTS ARE SUBJECT TO TSCA SNUR RULE LISTING.
FOREIGN REGULATIONS:
ALL COMPONENTS ARE ON THE EU EINECS INVENTORY LIST AND THE CANADIAN DSL.

SECTION 16: OTHER INFORMATION

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SALES INFORMATION: 1-800-558-5925 (8 AM TO 6 PM EST, MONDAY TO FRIDAY)
REGULATIONS RELATED TO HANDLING AND STORAGE OF PRESSURIZED AEROSOL CANS SHOULD BE FOLLOWED.
SHIPPING INFORMATION: "Aerosols, Flammable", Hazard Class 2.1, Label Code 2.1, UN1950 (No listed Packing Group). Special Provisions N82, Exceptions 306, Forbidden on Passenger Aircraft.

Revision Date: 8/25/2017 Information Furnished By: L. D. Hochhauser
Product Development Mgr.

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