

SAFETY DATA SHEETS

This SDS packet was issued with item:

071100353

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

273034516

SECTION 1: IDENTIFICATION OF PRODUCT

FORMULA: VOLATILE SEPARATOR LIQUID (RELEASE AGENT)

SYNONYM OR CROSS REFERENCE: RELEASE SEP TYPE 2 (IMPROVED)



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: 2
FIRE & EXPLOSION: 3
REACTIVITY: 0
PROTECTION: B**SECTION 2: HAZARDOUS INGREDIENTS**

MATERIAL: ALIPHATIC HYDROCARBONS

NON-HAZARDOUS INGREDIENTS WILL NOT BE SEPARATELY LISTED.

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 70%

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, ASPIRATION HAZARD.

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. ASPIRATION HAZARD. 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

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