

SAFETY DATA SHEETS

This SDS packet was issued with item:

071099837

N/A



SAFETY DATA SHEET

SECTION 1: IDENTIFICATION OF PRODUCT

PRODUCT NAME: **PLASTICAL™ PART B**

APPLICATION: POLYURETHANE RESIN, MODEL & DIE MATERIAL

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

SECTION 2: HAZARDS IDENTIFICATION (CLASSIFICATION)

WARNING: MILD IRRITANT TO EYES AND SKIN.



SECTION 2A: PHYSICAL HAZARDS

N/A

SECTION 2B: HEALTH HAZARDS

THRESHOLD LIMIT VALUE: NONE ESTABLISHED BY OSHA OR ACGIH FOR THIS MATERIAL.

SKIN: PROLONGED OR REPEATED CONTACT CAN CAUSE SKIN IRRITATION OR DEFATTING WITH MILD DISCOMFORT. TRANSIENT CONTACT IS NOT EXPECTED TO BE IRRITATING.

EYES: DIRECT CONTACT WITH PRODUCT IS IRRITATING TO THE EYES. CAN CAUSE TEMPORARY STINGING WITH REDNESS AND TEARING.

INHALATION: NOT LIKELY IN NORMAL USE. INDUSTRIAL FUMES HAVE CAUSED RESPIRATORY IRRITATION.

INGESTION: NOT LIKELY IN NORMAL USE. CAN CAUSE GASTROINTESTINAL IRRITATION.

CARCINOGENICITY: NO MATERIALS USED ARE LISTED AS CONFIRMED HUMAN CARCINOGENS BY NTP, IARC OR OSHA.

SECTION 3: COMPOSITION / INGREDIENTS

MIXTURE: ☒ Yes ☐ No

POLYMERIC POLYOLS, HEAVY PETROLEUM DISTILLATE. OTHER NON-HAZARDOUS INGREDIENTS WILL NOT BE SEPARATELY LISTED.

SECTION 4: FIRST AID MEASURES

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

EYES: IF CONTACTED, IMMEDIATELY FLUSH EYES WITH COOL WATER FOR 15 MINUTES. IF IRRITATION PERSISTS GET MEDICAL ATTENTION.

INHALATION: IF AFFECTED, REMOVE TO FRESH AIR. IF SYMPTOMS PERSIST CONTACT A PHYSICIAN.

INGESTION: DRINK 1-2 CUPS WATER OR MILK. INDUCE VOMITING AND GET IMMEDIATE MEDICAL ATTENTION.

SECTION 5: FIREFIGHTING MEASURES

FLASH POINT: Greater than 125°C

FLAMMABLE LIMITS: MATERIAL IS NON-FLAMMABLE.

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

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

UNUSUAL FIRE AND EXPLOSION HAZARD: CONTAINER MAY RUPTURE IF EXPOSED TO EXTREME HEAT OF A FIRE. BURNING CAN FORM IRRITATING OR TOXIC FUMES.

SECTION 6: ACCIDENTAL RELEASE MEASURES

PRECAUTIONS: EXTINGUISH OR REMOVE ALL NEARBY SOURCES OF IGNITION AND VENTILATE THE AREA. WEAR PERSONAL PROTECTIVE EQUIPMENT TO AVOID CONTACT.

PROCEDURES: EXTINGUISH OR REMOVE ALL NEARBY SOURCES OF IGNITION AND VENTILATE THE AREA. WEAR PERSONAL PROTECTIVE EQUIPMENT TO AVOID CONTACT. ABSORB LIQUID ON PAPER TOWELING OR SPILL ABSORBENT AND TRANSFER TO SECURE CONTAINERS. RESIDUES MAY BE CLEANED OFF WITH DETERGENT AND WATER OR ALCOHOL.

SECTION 7: HANDLING AND STORAGE (LAB QUANTITIES)

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

SECTION 8: EXPOSURE CONTROLS (PERSONAL PROTECTION)

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

SKIN: RUBBER GLOVES ARE SHOULD BE WORN TO AVOID CONTACT (NEOPRENE, PVC, OR NITRILE).

EYES: CHEMICAL SPLASH GOGGLES OR SAFETY GLASSES TO AVOID EXPOSURE. CONTACT LENSES SHOULD NOT BE WORN.

RESPIRATORY: NONE NEEDED FOR NORMAL LAB OPERATIONS IF VENTILATION IS ADEQUATE.

OTHER: EYE WASH STATION.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: MAY BE GREEN OR TAN. MEDIUM VISCOSITY OPAQUE LIQUID WITH SLIGHT MUSTY ODOR. ON STANDING SOME SOLIDS CAN SETTLE OUT THAT WILL RE-DISPERSE ON SHAKING.

PH OF SOLUTION: N/A

MELTING POINT: N/A

BOILING POINT: N/A

SPECIFIC GRAVITY: 1.0

EVAPORATION RATE: (WATER = 1) LESS THAN 1.

VAPOR DENSITY: (AIR = 1) GREATER THAN 1.

PERCENT VOLATILE: NIL

VAPOR PRESSURE: .03 mm Hg at 20°C (VERY LOW)

WATER SOLUBILITY: VERY SLIGHT.

SECTION 10: REACTIVITY DATA

STABILITY: STABLE.

CONDITIONS TO AVOID: EXTREME HEAT, MOISTURE.

INCOMPATIBILITY (MATERIALS TO AVOID): STRONG OXIDIZING AGENTS, WATER.

HAZARDOUS DECOMPOSITION PRODUCTS: CARBON DIOXIDE, CARBON MONOXIDE, NITROGEN OXIDES.

HAZARDOUS POLYMERIZATION: CAN NOT OCCUR.

REACTIVITY WITH WATER: N/A

SECTION 11: TOXICOLOGICAL INFORMATION

ACUTE EXPOSURE: SIGNS AND SYMPTOMS:

SKIN: PROLONGED OR REPEATED CONTACT CAN CAUSE SKIN IRRITATION OR DEFATTING WITH MILD DISCOMFORT. TRANSIENT CONTACT IS NOT EXPECTED TO BE IRRITATING.

EYES: DIRECT CONTACT WITH PRODUCT IS IRRITATING TO THE EYES. CAN CAUSE TEMPORARY STINGING WITH REDNESS AND TEARING.

INHALATION: NOT LIKELY IN NORMAL USE. INDUSTRIAL FUMES HAVE CAUSED RESPIRATORY IRRITATION.

INGESTION: NOT LIKELY IN NORMAL USE. CAN CAUSE GASTROINTESTINAL IRRITATION.

CHRONIC EXPOSURE: PROLONGED OR REPEATED CONTACT CAN CAUSE SKIN IRRITATION OR DEFATTING WITH MILD DISCOMFORT.

SENSITIZER: N/A

CARCINOGENICITY: NO MATERIALS USED ARE LISTED AS CONFIRMED HUMAN CARCINOGENS BY NTP, IARC OR OSHA.

TERATOGENICITY: N/A

EMBRYOTOXICITY: N/A

MUTAGENICITY: N/A

PRE-EXISTING CONDITIONS: N/A

SECTION 12: ECOLOGICAL INFORMATION

ECOTOXITY: LAB QUANTITIES ARE NOT EXPECTED TO BE SIGNIFICANT.

DEGRADABILITY: EXPECTED TO BE SIGNIFICANT

BIOACCUMULATION: NOT EXPECTED TO BIO-ACCUMULATE.

MOBILITY IN SOIL: EXPECTED TO BE LOW.

SECTION 13: DISPOSAL INFORMATION

DISPOSE OF IN AN APPROVED, CLOSED METAL CAN. RESIDUES CAN BE BURNED IN A CHEMICAL INCINERATOR EQUIPPED WITH A SCRUBBER.

SECTION 14: TRANSPORT INFORMATION

UN NUMBER: N/A

SHIPPING NAME: N/A

CLASS: N/A

PACKING GROUP: N/A

MARINE POLLUTANT: N/A

WARNING SYMBOL: N/A

OTHER: MATERIAL IS NOT CLASSIFIED AS A TRANSPORTATION HAZARD BY US DOT

SECTION 15: REGULATORY INFORMATION

LABELING: IRRITANT

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

NATIONAL REGULATIONS:

TSCA: ALL COMPONENTS ARE ON THE TSCA INVENTORY.

SARA: SARA SECTION 302: EXTREMELY HAZARDOUS SUBSTANCES: 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

PREVIOUSLY AVAILABLE FROM FELIX DENTAL MANUFACTURING. **NO DOT SHIPPING RESTRICTIONS APPLY.**

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

Revision Date: 3/11/2014

Information Furnished By:

L. D. Hochhauser

Product Development Mgr.

The above information is believed to be accurate and represents information currently available to us. Reasonable care has been taken in the preparation of this document; however, all the properties of this product may not have been completely evaluated. Users should make their own investigations to determine the suitability of the information for their particular purposes. We make no warrantee of merchantability or any other warrantee, expressed or implied, with respect to such information, and we assume no liability resulting from its use or from improper use or handling of the product. "N/A" indicates that at the time of preparation of this SDS, this information may not have been available or is not applicable. As additional information becomes available, SDS will be updated.



SAFETY DATA SHEET

SECTION 1: IDENTIFICATION OF PRODUCT

PRODUCT NAME: **PLASTICAL™ PART B**

APPLICATION: POLYURETHANE RESIN, MODEL & DIE MATERIAL. PART B OF A 2 PART KIT.

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

SECTION 2: HAZARDS IDENTIFICATION (CLASSIFICATION)

WARNING: IRRITANT.



SECTION 2A: PHYSICAL HAZARDS

N/A

SECTION 2B: HEALTH HAZARDS

THRESHOLD LIMIT VALUE: NOT ESTABLISHED FOR THIS MIXTURE AS A WHOLE BY OSHA OR ACGIH.

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

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

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

INGESTION: H302: HARMFUL IF SWALLOWED. CATEGORY 4:

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

SECTION 3: COMPOSITION / INGREDIENTS

MIXTURE: ☒ Yes ☐ No

POLYMERIC POLYOLS, HEAVY PETROLEUM DISTILLATE. OTHER NON-HAZARDOUS INGREDIENTS WILL NOT BE SEPARATELY LISTED.

FORMULA IS PROPRIETARY.

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. P362: TAKE OFF CONTAMINATED CLOTHING AND WASH BEFORE REUSE.

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. P311: CALL A POISON CENTER/PHYSICIAN.

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. GIVE TWO GLASSES OF WATER OR MILK TO DILUTE. P310: IMMEDIATELY CALL A POISON CENTER/PHYSICIAN.

SECTION 5: FIREFIGHTING MEASURES

FLASH POINT: MATERIAL IS NON-FLAMMABLE.

FLAMMABLE LIMITS: MATERIAL IS NON-FLAMMABLE.

FIRE EXTINGUISHING MEDIA: P370+378: IN CASE OF FIRE: USE THE FOLLOWING FOR EXTINCTION: CARBON DIOXIDE,

DRY CHEMICAL OR FOAM ON ADJACENT COMBUSTIBLE MATERIALS.

SPECIAL FIRE FIGHTING PROCEDURES: NONE FOR LAB QUANTITIES. IF SAFE TO DO SO, COOL AND REMOVE CONTAINERS OF PRODUCT.

UNUSUAL FIRE AND EXPLOSION HAZARD: CONTAINERS MAY RUPTURE IF EXPOSED TO EXTREME HEAT

SECTION 6: ACCIDENTAL RELEASE MEASURES

PRECAUTIONS: N/A

PROCEDURES: AVOID MIXING PART A AND PART B OF THE PLASTICAL. WEAR PERSONAL PROTECTIVE EQUIPMENT TO AVOID CONTACT. ABSORB LIQUID ON PAPER TOWELING OR SPILL ABSORBENT AND TRANSFER TO SECURE CONTAINERS. RESIDUES MAY BE CLEANED OFF WITH DETERGENT AND WATER OR ALCOHOL.

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: MECHANICAL IS ACCEPTABLE.

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: NOT NORMALLY NEEDED.

OTHER: EYE WASH STATION

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: MAY BE GREEN, TAN OR WHITE. MEDIUM VISCOSITY OPAQUE LIQUID WITH SLIGHT MUSTY ODOR. ON STANDING SOLIDS CAN SETTLE OUT THAT WILL RE-DISPERSE ON SHAKING.

PH OF SOLUTION: N.A.

MELTING POINT: N.A.

BOILING POINT: N/A

SPECIFIC GRAVITY: (H₂O = 1) 1.1 @ 68° F.

EVAPORATION RATE: WATER = 1: LESS THAN 1.

VAPOR DENSITY: (air = 1) N/A

PERCENT VOLATILE: 0%

VAPOR PRESSURE: 0.03 MM HG @ 68° F.

WATER SOLUBILITY: VERY SLIGHT.

SECTION 10: REACTIVITY DATA

STABILITY: STABLE.

CONDITIONS TO AVOID: EXTREME HEAT, MOISTURE

INCOMPATIBILITY (MATERIALS TO AVOID): STRONG BASES, STRONG OXIDIZING AGENTS, AMINES, WATER, ALCOHOLS, REACTIVE METALS, SURFACTANTS.

HAZARDOUS DECOMPOSITION PRODUCTS: CARBON DIOXIDE, CARBON MONOXIDE, NITROGEN OXIDES.

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 SKIN IRRITATION OR DEFATTING WITH MILD DISCOMFORT. TRANSIENT CONTACT IS NOT EXPECTED TO BE IRRITATING.

EYES: DIRECT CONTACT WITH PRODUCT IS IRRITATING TO THE EYES. CAN CAUSE TEMPORARY STINGING WITH REDNESS AND TEARING.

INHALATION: NOT LIKELY IN NORMAL USE. INDUSTRIAL FUMES HAVE CAUSED RESPIRATORY IRRITATION.
INGESTION: NOT LIKELY IN NORMAL USE. CAN CAUSE GASTROINTESTINAL IRRITATION.
CHRONIC EXPOSURE: PROLONGED OR REPEATED CONTACT CAN CAUSE SKIN IRRITATION OR DEFATTING WITH MILD DISCOMFORT.

SENSITIZER: N/A

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

TERATOGENICITY: NO HUMAN DATA REPORTED

EMBRYOTOXICITY: NO HUMAN DATA REPORTED

MUTAGENICITY: NO HUMAN DATA REPORTED

PRE-EXISTING CONDITIONS: NO HUMAN DATA REPORTED

SECTION 12: ECOLOGICAL INFORMATION

ECOTOXICITY: NOT ESTABLISHED FOR THIS MIXTURE.

DEGRADABILITY: EXPECTED TO BE HIGH.

BIOACCUMULATION: NOT EXPECTED TO BIOACCUMULATE.

MOBILITY IN SOIL: EXPECTED TO BE LOW.

SECTION 13: DISPOSAL INFORMATION

CLEAN UP WITH ABSORBENT MATERIAL. DISPOSE OF IN AN APPROVED, CLOSED METAL CAN. RESIDUES CAN BE BURNED IN A CHEMICAL INCINERATOR EQUIPPED WITH A SCRUBBER.

SECTION 14: TRANSPORT INFORMATION

UN NUMBER: N/A

SHIPPING NAME: N/A

CLASS: N/A

PACKING GROUP: N/A

MARINE POLLUTANT: NO DATA

WARNING SYMBOL: IRRITANT

OTHER: MATERIAL IS NOT CLASSIFIED AS A TRANSPORTATION HAZARD BY US DOT

SECTION 15: REGULATORY INFORMATION

LABELING: IRRITANT.

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

NATIONAL REGULATIONS:

TSCA: ALL COMPONENTS ARE ON THE TSCA INVENTORY LIST.

SARA: SARA SECTION 302: EXTREMELY HAZARDOUS SUBSTANCES: 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

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

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Revision Date: 8/25/2017

Information Furnished By:

L. D. Hochhauser
Product Development Mgr.

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