

SAFETY DATA SHEETS

This SDS packet was issued with item:

071099845

N/A

SAFETY DATA SHEET

SECTION 1: IDENTIFICATION OF PRODUCT

PRODUCT NAME: **PLASTICAL™ PART A**

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: IRRITANT TO EYES, RESPIRATORY SYSTEM AND SKIN. CAN CAUSE SENSITIZATION AND ALLERGIC RESPONSES INCLUDING ASTHMATIC SYMPTOMS IF INHALED.



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: PROLONGED OR REPEATED CONTACT CAN CAUSE SKIN IRRITATION OR ALLERGIC DERMATITIS. SYMPTOMS INCLUDE REDNESS, SWELLING, RASH, SCALING, OR BLISTERING. CAN LEAD TO SENSITIZATION.

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

INHALATION: NOT LIKELY IN NORMAL USE. INDUSTRIAL FUMES HAVE CAUSED ASTHMATIC SYMPTOMS. REPEATED EXPOSURE CAN LEAD TO SENSITIZATION.

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

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

SECTION 3: COMPOSITION / INGREDIENTS

MIXTURE: ☒ Yes ☐ No

POLYMERIC MIXED ISOMERS OF MDI.

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 BREATHING IS DIFFICULT OR IF SYMPTOMS PERSIST CONTACT A PHYSICIAN.

INGESTION: DO NOT INDUCE VOMITING. DRINK 1-2 CUPS WATER OR MILK AND GET IMMEDIATE MEDICAL ATTENTION.

SECTION 5: FIREFIGHTING MEASURES

FLASH POINT: GREATER THAN 200°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 OR CONTAMINATED WITH WATER. 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: ABSORB LIQUID ON PAPER TOWELING OR SPILL ABSORBENT AND TRANSFER TO SECURE

CONTAINERS. RESIDUES MAY BE CLEANED OFF AND NEUTRALIZED WITH A MIXTURE OF 70% WATER, 20% ISOPROPYL ALCOHOL, 10% AMMONIA.

SECTION 7: HANDLING AND STORAGE (LAB QUANTITIES)

AVOID EXCESSIVE SKIN CONTACT OR INHALATION OF VAPORS. 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: BROWN, LOW VISCOSITY LIQUID, SLIGHT MUSTY ODOR.

PH OF SOLUTION: N/A

MELTING POINT: N/A

BOILING POINT: N/A

SPECIFIC GRAVITY: 1.1

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

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

PERCENT VOLATILE: NIL

VAPOR PRESSURE: .0002 mm Hg at 20°C (VERY LOW)

WATER SOLUBILITY: WATER REACTIVE

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: CAN OCCUR. MAY DECOMPOSE ON EXPOSURE TO MOIST AIR, WATER OR ALCOHOLS.

REACTIVITY WITH WATER: DECOMPOSED BY WATER.

SECTION 11: TOXICOLOGICAL INFORMATION

ACUTE EXPOSURE: SIGNS AND SYMPTOMS:

SKIN: PROLONGED OR REPEATED CONTACT CAN CAUSE SKIN IRRITATION OR ALLERGIC DERMATITIS. SYMPTOMS INCLUDE REDNESS, SWELLING, RASH, SCALING, OR BLISTERING. CAN LEAD TO SENSITIZATION.

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

INHALATION: NOT LIKELY IN NORMAL USE. INDUSTRIAL FUMES HAVE CAUSED ASTHMATIC SYMPTOMS. REPEATED EXPOSURE CAN LEAD TO SENSITIZATION.

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

CHRONIC EXPOSURE: PROLONGED OR REPEATED CONTACT CAN CAUSE SKIN IRRITATION OR ALLERGIC DERMATITIS. SYMPTOMS INCLUDE REDNESS, SWELLING, RASH, SCALING, OR BLISTERING.

SENSITIZER: PROLONGED OR REPEATED CONTACT CAN CAUSE SKIN IRRITATION OR ALLERGIC DERMATITIS.

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: N/A

DEGRADABILITY: MATERIAL IS DECOMPOSED BY EXPOSURE TO WATER.

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 REGULATED AS A HAZARD IN TRANSPORTATION BY US DOT.

SECTION 15: REGULATORY INFORMATION

LABELING: IRRITANT, SENSITIZER.

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

NATIONAL REGULATIONS:

TSCA: ALL COMPONENTS ARE LISTED 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.

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 A**

APPLICATION: POLYURETHANE RESIN, MODEL & DIE MATERIAL. PART A 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. SENSITIZER.



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: H315: CAUSES SKIN IRRITATION. CATEGORY 2:

H317: MAY CAUSE AN ALLERGIC SKIN REACTION. CATEGORY 1:

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

INHALATION: H332: HARMFUL IF INHALED. CATEGORY 4:

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 MIXED ISOMERS OF MDI.

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. TREAT AS ALLERGIC DERMATITIS.

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. P310: IMMEDIATELY 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: CLEAN UP BY WIPING WITH REGS AND/OR PAPER TOWELS. AVOID MIXING PART A AND PART B OF THE PLASTICAL.

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: BROWN, LOW VISCOSITY LIQUID, SLIGHT MUSTY ODOR.

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: 0.002 MM HG @ 68° F.

WATER SOLUBILITY: DECOMPOSED BY WATER.

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: CAN OCCUR. MAY DECOMPOSE ON EXPOSURE TO MOIST AIR, WATER OR ALCOHOLS.

REACTIVITY WITH WATER: DECOMPOSED BY WATER.

SECTION 11: TOXICOLOGICAL INFORMATION

ACUTE EXPOSURE: SIGNS AND SYMPTOMS:

SKIN: PROLONGED OR REPEATED CONTACT CAN CAUSE SKIN IRRITATION OR ALLERGIC DERMATITIS. SYMPTOMS INCLUDE REDNESS, SWELLING, RASH, SCALING, OR BLISTERING. CAN LEAD TO SENSITIZATION.

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

INHALATION: NOT LIKELY IN NORMAL USE. INDUSTRIAL FUMES HAVE CAUSED ASTHMATIC SYMPTOMS. REPEATED EXPOSURE CAN LEAD TO SENSITIZATION.

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

CHRONIC EXPOSURE: PROLONGED OR REPEATED CONTACT CAN CAUSE SKIN IRRITATION OR ALLERGIC DERMATITIS. SYMPTOMS INCLUDE REDNESS, SWELLING, RASH, SCALING, OR BLISTERING.

SENSITIZER: POTENTIAL SKIN SENSITIZER. CHRONIC CONTACT MAY CAUSE ALLERGIC SKIN RASH, ITCHING, SWELLING.

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. MATERIAL IS DECOMPOSED BY EXPOSURE TO WATER.

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, SENSITIZER.

NFPA RATINGS: HEALTH HAZARD: 2 FIRE & EXPLOSION: 0 REACTIVITY: 1 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.

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.