

## SAFETY DATA SHEETS

**This SDS packet was issued with item:**

071100262

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

071098847 071100320

**SECTION 1: IDENTIFICATION OF PRODUCT**

FORMULA: PART A AND PART B. A TWO PART POLYVINYLSILOXANE (ADDITION TYPE - PLATINUM CATALYST) SILICONE RUBBER FOR DENTAL MODEL AND DIE DUPLICATION.  
SYNONYM OR CROSS REFERENCE: **REDU-IT PART A & PART B**



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

HEALTH HAZARD: 1  
FIRE & EXPLOSION: 0  
REACTIVITY: 0  
PROTECTION: A

**SECTION 2: HAZARDOUS INGREDIENTS**

MATERIAL: NONE LISTED BY OSHA OR ACGIH

NATURE OF HAZARD: MILD IRRITANT TO SKIN AND EYES.

**SECTION 3: PHYSICAL DATA**

MELTING POINT: °F: N/A  
BOILING POINT: °F: N/A  
VAPOR PRESSURE: (mm Hg): NEGLIGIBLE.  
SPECIFIC GRAVITY: (H<sub>2</sub>O=1): 1.15 g/ml @ 25 C.  
VAPOR DENSITY: (AIR =1): N/A  
WATER SOLUBILITY: INSOLUBLE  
PH OF SOLUTION: N/A  
PERCENT VOLATILE: NIL  
EVAPORATION RATE: (BuAc =1): N/A  
APPEARANCE: PART A: WHITE, OPAQUE VISCOUS LIQUID, SLIGHT ODOR.  
PART B: GREEN, OPAQUE VISCOUS LIQUID, SLIGHT ODOR.

**SECTION 4: FIRE AND EXPLOSION HAZARD DATA**

FLASH POINT (method used): Over 200 F (TOC).  
FLAMMABLE LIMITS: N/A. MATERIAL IS NON-FLAMMABLE  
FIRE EXTINGUISHING MEDIA: CARBON DIOXIDE, DRY CHEMICAL, WATER FOG.  
SPECIAL FIRE FIGHTING PROCEDURES: NONE FOR LAB QUANTITIES.  
UNUSUAL FIRE AND EXPLOSION HAZARD: NONE.

**SECTION 5: HEALTH HAZARD**

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

HEALTH HAZARDS: Effects of overexposure to product.  
Skin: LOW INCIDENCE OF DISORDERS EXPECTED ON CONTACT.

Eyes: MILD IRRITATION ON DIRECT CONTACT.

Inhalation: NOT LIKELY IN NORMAL USE.

Ingestion: LOW ORAL TOXICITY EXPECTED. STOMACH UPSET AND DIARRHEA.

**FIRST AID PROCEDURES:**

Skin: WIPE PRODUCT OFF SKIN. WASH WELL WITH WARM SOAP AND WATER. IF IRRITATION DEVELOPS CONTACT A PHYSICIAN.

Eyes: WASH EYES WELL WITH COOL WATER FOR 15 MINUTES, LIFTING THE EYELIDS. IF IRRITATION DEVELOPS OR PERSISTS, CONTACT A PHYSICIAN.

Inhalation: NOT LIKELY TO OCCUR. HOWEVER, IF AFFECTED, REMOVE TO FRESH AIR.

Ingestion: LOW ORAL TOXICITY. GIVE WATER, INDUCE VOMITING AND CONTACT A PHYSICIAN.

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

**SECTION 6: REACTIVITY DATA**

STABILITY: STABLE UNDER NORMAL CONDITIONS.

CONDITIONS TO AVOID: MOISTURE, EXTREME HEAT.

INCOMPATIBILITY (MATERIALS TO AVOID): WATER, STRONG ACIDS OR BASES, OR POWDERED METALS.

HAZARDOUS DECOMPOSITION PRODUCTS: COMBUSTION WILL LIBERATE SILICA FUMES AND CARBON DIOXIDE.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR.

**SECTION 7: SPILL AND DISPOSAL PROCEDURES**

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:  
WIPE PRODUCT OFF WITH APPROPRIATE TOWELING AND PLACE IN CLOSED CONTAINER. WIPE UP RESIDUAL PRODUCT WITH ETHYL ALCOHOL OR OTHER APPROPRIATE SOLVENT.

WASTE DISPOSAL METHOD:  
DISPOSE OF IN REGULAR TRASH. (ALLOW ALCOHOL TO EVAPORATE TO DRYNESS BEFORE DISCARDING.)

**SECTION 8: PROTECTION INFORMATION**

VENTILATION: MECHANICAL (GENERAL) IS ACCEPTABLE.

SKIN: THIN RUBBER GLOVES.

EYES: GLASSES OR CHEMICAL GOGGLES. 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 WELL CLOSED. 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**

WASH HANDS THOROUGHLY AFTER HANDLING.

**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: **REDU-IT PART A & PART B**

APPLICATION: PART A AND PART B. A TWO PART POLYVINYLSILOXANE (ADDITION TYPE - PLATINUM CATALYST) SILICONE RUBBER FOR DENTAL MODEL AND DIE DUPLICATION.

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

### SECTION 2: HAZARDS IDENTIFICATION (CLASSIFICATION)

WARNING: MILD IRRITANT TO SKIN AND EYES.



SECTION 2A: PHYSICAL HAZARDS

N/A

SECTION 2B: HEALTH HAZARDS

THRESHOLD LIMIT VALUE: NONE ESTABLISHED BY OSHA.

SKIN: H313: CATEGORY 5: MAY BE HARMFUL IN CONTACT WITH SKIN

EYES: H320: CATEGORY 2B: CAUSES EYE IRRITATION

INHALATION: H333: CATEGORY 5: MAY BE HARMFUL IF INHALED. UNLIKELY IN NORMAL USE.

INGESTION: H303: CATEGORY 5: MAY BE HARMFUL IF SWALLOWED

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

### SECTION 3: COMPOSITION / INGREDIENTS

MIXTURE: ☒ Yes ☐ No

PART A AND PART B. A TWO PART POLYVINYLSILOXANE (ADDITION TYPE - PLATINUM CATALYST) SILICONE RUBBER FOR DENTAL MODEL AND DIE DUPLICATION.

NONE HAZARDOUS LISTED BY OSHA. NOT REGULATED AS A HAZARD FOR SHIPPING.

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.

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+312: IF INHALED: CALL A POISON CENTER OR DOCTOR/PHYSICIAN IF YOU FEEL UNWELL

INGESTION: P301+312: IF SWALLOWED: CALL A POISON CENTER OR DOCTOR/PHYSICIAN IF YOU FEEL UNWELL.

### SECTION 5: FIREFIGHTING MEASURES

FLASH POINT: Over 200 F (TOC).

FLAMMABLE LIMITS: N/A MATERIAL IS NON-FLAMMABLE

FIRE EXTINGUISHING MEDIA: P370+378: IN CASE OF FIRE: USE THE FOLLOWING FOR EXTINCTION: CARBON DIOXIDE, DRY CHEMICAL, WATER FOG AS APPLICABLE FOR ADJACENT COMBUSTIBLE MATERIALS.

SPECIAL FIRE FIGHTING PROCEDURES: NONE FOR LAB QUANTITIES.

UNUSUAL FIRE AND EXPLOSION HAZARD: NONE.

## **SECTION 6: ACCIDENTAL RELEASE MEASURES**

PRECAUTIONS: N/A

PROCEDURES: WIPE PRODUCT OFF WITH APPROPRIATE TOWELING AND PLACE IN CLOSED CONTAINER. WIPE UP RESIDUAL PRODUCT WITH ETHYL ALCOHOL OR OTHER APPROPRIATE SOLVENT.

## **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 (GENERAL) 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: NONE REQUIRED IN NORMAL USE.

OTHER: EYE WASH STATION

## **SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE: PART A: WHITE, OPAQUE VISCOUS LIQUID, SLIGHT ODOR.  
PART B: GREEN, OPAQUE VISCOUS LIQUID, SLIGHT ODOR.

PH OF SOLUTION: N/A

MELTING POINT: °F: N/A

BOILING POINT: °F: N/A

SPECIFIC GRAVITY: (H<sub>2</sub>O=1): 1.15

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

VAPOR DENSITY: (AIR =1): N/A

PERCENT VOLATILE: N/IL

VAPOR PRESSURE: (MM HG): N/ELIGIBLE

WATER SOLUBILITY: INSOLUBLE

## **SECTION 10: REACTIVITY DATA**

STABILITY: STABLE UNDER NORMAL CONDITIONS.

CONDITIONS TO AVOID: MOISTURE, OPEN FLAMES.

INCOMPATIBILITY (MATERIALS TO AVOID): WATER, STRONG ACID/BASE, OXIDIZERS, RTV CATALYST.

HAZARDOUS DECOMPOSITION PRODUCTS: COMBUSTION WILL LIBERATE SILICA FUMES AND CARBON DIOXIDE.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR.

REACTIVITY WITH WATER: N/A

## **SECTION 11: TOXICOLOGICAL INFORMATION**

ACUTE EXPOSURE: SIGNS AND SYMPTOMS:

SKIN: LOW INCIDENCE OF DISORDERS EXPECTED ON CONTACT.

EYES: POSSIBLE MILD IRRITATION ON DIRECT CONTACT.

INHALATION: NOT LIKELY IN NORMAL USE.

INGESTION: LOW ORAL TOXICITY EXPECTED. STOMACH UPSET AND DIARRHEA.

CHRONIC EXPOSURE: NO REPORTS

SENSITIZER: NO REPORTS

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**

ECOTOXITY: : NOT ESTABLISHED FOR THIS MIXTURE.  
LAB QUANTITIES ARE NOT EXPECTED TO BE SIGNIFICANT.

DEGRADABILITY: EXPECTED TO BE LOW.  
BIOACCUMULATION: NOT EXPECTED TO BIOACCUMULATE.  
MOBILITY IN SOIL: EXPECTED TO BE LOW.

#### **SECTION 13: DISPOSAL INFORMATION**

DISPOSE OF IN REGULAR TRASH. ALLOW ANY CLEAN-UP SOLVENT TO EVAPORATE TO DRYNESS BEFORE DISCARDING.

#### **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: NOT REGULATED AS A HAZARD BY US DEPARTMENT OF TRANSPORTATION.

#### **SECTION 15: REGULATORY INFORMATION**

LABELING: IRRITANT PICTOGRAM  
NFPA RATINGS: HEALTH HAZARD: 1 FIRE & EXPLOSION: 0 REACTIVITY: 0 SPECIAL PROTECTION: A  
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**

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AVOID DIRECT CONTACT WITH PART A AND PART B UNTIL VULCANIZATION IS COMPLETE. WASH HANDS THOROUGHLY AFTER HANDLING.

#### **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.

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.