

SAFETY DATA SHEET: DAP HVAC HIGH TEMP SILICONE (RED)

**Common Name:** HIGH TEMP 100% RTV SILICONE SEALANT

**Manufacturer:** DAP

**SDS Revision Date:** 3/15/2017

**SDS Format:**

**Item Number(s):**

**Manufacturer Model  
Number(s):**

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SDS NUMBER: 00015008001

REVISION DATE: 3/15/2017

DAP (R\*)

SAFETY DATA SHEET

24 HOUR EMERGENCY PHONE NUMBERS MEDICAL/POISON CONTROL:  
IN U.S.: CALL 1-800-222-1222

OUTSIDE U.S.: CALL YOUR LOCAL POISON CONTROL CENTER

TRANSPORTATION/NATIONAL RESPONSE CENTER:  
1-800-535-5053  
1-352-323-3500

**NOTE:**

THE NATIONAL RESPONSE CENTER EMERGENCY NUMBERS TO BE USED ONLY IN THE EVENT OF CHEMICAL EMERGENCIES INVOLVING A SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT INVOLVING CHEMICALS.

**IMPORTANT:**

PROVIDE THIS INFORMATION TO EMPLOYEES, CUSTOMERS, AND USERS OF THIS PRODUCT. READ THIS SDS BEFORE HANDLING OR DISPOSING OF THIS PRODUCT. THIS PRODUCT IS COVERED BY THE OSHA HAZARD COMMUNICATION STANDARD AND THIS DOCUMENT HAS BEEN PREPARED IN ACCORDANCE WITH REQUIREMENTS OF THIS STANDARD. ALL ABBREVIATED TERMS USED IN THIS SDS ARE FURTHER DESCRIBED IN SECTION 16.

## **1. IDENTIFICATION**

THIS SAFETY DATA SHEET IS AVAILABLE IN AMERICAN SPANISH UPON REQUEST.

PRODUCT NAME: DAP HIGH TEMP 100% RTV SILICONE SEALANT

PRODUCT UPC NUMBER: 070798080133

PRODUCT USE/CLASS: CAULKING COMPOUND

MANUFACTURED FOR:

DAP PRODUCTS INC.

2400 BOSTON STREET SUITE 200

BALTIMORE, MD 21224-4723

888-327-8477 (NON - EMERGENCY MATTERS)

EMERGENCY TELEPHONE: 1-800-535-5053, 1-352-323-3500, 1-800-222-1222

SAFETY DATA SHEET COORDINATOR: MSDS@DAP.COM

REVISION DATE: 3/15/2017

SUPERCEDES DATE: NEW SDS

SDS NO: 00015008001

PREPARER: REGULATORY DEPARTMENT

## **2. HAZARDS IDENTIFICATION**

EMERGENCY OVERVIEW:

UNDER NORMAL USE CONDITIONS, THIS PRODUCT IS NOT EXPECTED TO CAUSE ADVERSE HEALTH EFFECTS. HIGH CONCENTRATION OF VAPORS MAY CAUSE IRRITATION TO EYES AND RESPIRATORY SYSTEM.

GHS CLASSIFICATION: CARC. 1B

SYMBOL(S) OF PRODUCT: HEALTH HAZARD

SIGNAL WORD: DANGER

POSSIBLE HAZARDS:

1% OF THE MIXTURE CONSISTS OF INGREDIENTS OF UNKNOWN ACUTE TOXICITY

GHS HAZARD STATEMENTS:

CARCINOGENICITY, CATEGORY 1B:

H350: MAY CAUSE CANCER.

GHS LABEL PRECAUTIONARY STATEMENTS:

P201: OBTAIN SPECIAL INSTRUCTIONS BEFORE USE.

P280:

WEAR PROTECTIVE GLOVES/PROTECTIVE CLOTHING/EYE PROTECTION/FACE PROTECTION.

P308+P313:

IF EXPOSED OR CONCERNED: GET MEDICAL ADVICE/ATTENTION.

P405: STORE LOCKED UP.

P501: DISPOSE OF CONTENTS/CONTAINER TO

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS-NO.	WT. %
HYDROTREATED MIDDLE DISTILLATE	64742-46-7	2.5-10
SILICA, AMORPHOUS	7631-86-9	2.5-10
ALUMINUM	7429-90-5	1.0-2.5
TITANIUM DIOXIDE	13463-67-7	1.0-2.5
CARBON BLACK	1333-86-4	0.1-1.0

CHEMICAL NAME	GHS SYMBOLS	GHS STATEMENTS
HYDROTREATED MIDDLE DISTILLATE	GHS07-GHS08	H332-350
SILICA, AMORPHOUS	GHS07	H332
ALUMINUM	GHS02-GHS06	H228-250-261-312-331
TITANIUM DIOXIDE	NO INFORMATION	NO INFORMATION
CARBON BLACK	NO INFORMATION	NO INFORMATION

THE TEXT FOR GHS HAZARD STATEMENTS SHOWN ABOVE (IF ANY) IS GIVEN IN THE "OTHER INFORMATION" SECTION.

### 4. FIRST-AID MEASURES

#### FIRST AID - INHALATION:

MATERIAL IS NOT LIKELY TO PRESENT AN INHALATION HAZARD AT AMBIENT CONDITIONS. IF YOU EXPERIENCE DIFFICULTY IN BREATHING, LEAVE THE AREA TO OBTAIN FRESH AIR. IF CONTINUED DIFFICULTY IS EXPERIENCED, GET MEDICAL ATTENTION IMMEDIATELY.

#### FIRST AID - SKIN CONTACT:

WASH SKIN WITH SOAP AND WATER FOR 15 MINUTES. GET MEDICAL AID IF SYMPTOMS PERSIST.

#### FIRST AID - EYE CONTACT:

IN CASE OF CONTACT, IMMEDIATELY FLUSH EYES WITH LARGE QUANTITIES OF WATER FOR AT LEAST 15 MINUTES UNTIL IRRITATION SUBSIDES. GET MEDICAL ATTENTION

IMMEDIATELY.

FIRST AID - INGESTION:

IF SWALLOWED, DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION IMMEDIATELY.

## **5. FIRE-FIGHTING MEASURES**

UNUSUAL FIRE AND EXPLOSION HAZARDS: NO INFORMATION

SPECIAL FIREFIGHTING PROCEDURES:

WEAR SELF-CONTAINED BREATHING APPARATUS PRESSURE-DEMAND (NIOSH APPROVED OR EQUIVALENT) AND FULL PROTECTIVE GEAR. USE WATER SPRAY TO COOL EXPOSED SURFACES.

EXTINGUISHING MEDIA: NONE KNOWN

## **6. ACCIDENTAL RELEASE MEASURES**

ENVIRONMENTAL MEASURES: NO INFORMATION

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:

CONTAIN SPILLED MATERIAL AND REMOVE WITH INERT ABSORBENT. DISPOSE OF CONTAMINATED ABSORBENT, CONTAINER AND UNUSED CONTENTS IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. SCRAPE UP DRIED MATERIAL AND PLACE INTO CONTAINERS. USE PERSONAL PROTECTIVE EQUIPMENT AS NECESSARY. IN CASE OF SPILLAGE, ABSORB WITH INERT MATERIAL AND DISPOSE OF IN ACCORDANCE WITH APPLICABLE REGULATIONS.

## **7. HANDLING AND STORAGE**

HANDLING:

KEEP OUT OF REACH OF CHILDREN!

DO NOT TAKE INTERNALLY. AVOID BREATHING VAPOR AND CONTACT WITH EYES, SKIN AND CLOTHING. USE ONLY WITH ADEQUATE VENTILATION. ENSURE FRESH AIR ENTRY DURING APPLICATION AND DRYING. WASH THOROUGHLY AFTER HANDLING. REMOVE CONTACT LENSES BEFORE USING. DO NOT HANDLE CONTACT LENSES UNTIL ALL SEALANT HAS BEEN CLEANED FROM FINGERTIPS, NAILS AND CUTICLES. RESIDUAL SEALANT MAY TRANSFER TO CONTACT LENSES AND CAUSE SEVERE EYE IRRITATION.

STORAGE:

AVOID EXCESSIVE HEAT AND FREEZING. DO NOT STORE AT TEMPERATURES ABOVE 120 DEGREES F. STORE AWAY FROM CAUSTICS AND OXIDIZERS.

## **8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

INGREDIENTS WITH OCCUPATIONAL EXPOSURE LIMITS:

CHEMICAL NAME	ACGIH TLV-TWA	ACGIH-TLV STEL	OSHA PEL-TWA	OSHA PEL-CEILING
HYDROTREATED MIDDLE DISTILLATE	N.E.	N.E.	N.E.	N.E.
SILICA, AMORPHOUS	N.E.	N.E.	N.E.	N.E.
ALUMINUM	1 MG/M3 TWA RESPIRABLE PARTICULATE MATTER	N.E.	15 MG/M3 TWA TOTAL DUST, 5 MG/M3 TWA RESPIRABLE FRACTION	N.E.
TITANIUM DIOXIDE	10 MG/M3 TWA	N.E.	15 MG/M3 TWA TOTAL DUST	N.E.
CARBON BLACK	3 MG/M3 TWA INHALABLE PARTICULATE MATTER	N.E.	3.5 MG/M3 TWA	N.E.

FURTHER ADVICE:

MEL = MAXIMUM EXPOSURE LIMIT

OES = OCCUPATIONAL EXPOSURE STANDARD

SUP = SUPPLIER'S RECOMMENDATION

SK = SKIN SENSITIZER

N.E. = NOT ESTABLISHED

PERSONAL PROTECTION:

RESPIRATORY PROTECTION:

NO PERSONAL RESPIRATORY PROTECTIVE EQUIPMENT NORMALLY REQUIRED.

FULL-FACE RESPIRATOR

SKIN PROTECTION: WEAR NITRILE OR NEOPRENE GLOVES.

GLOVES

EYE PROTECTION: GOGGLES OR SAFETY GLASSES WITH SIDE SHIELDS.

SAFETY GLASSES

OTHER PROTECTIVE EQUIPMENT: NOT REQUIRED UNDER NORMAL USE.

FULL SUIT

HYGIENIC PRACTICES:

WASH HANDS BEFORE BREAKS AND AT THE END OF WORKDAY. REMOVE AND WASH  
CONTAMINATED CLOTHING BEFORE RE-USE.

HAND WASH

## 9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: RED

PHYSICAL STATE: PASTE

ODOR: ACETIC ACID

ODOR THRESHOLD: NOT ESTABLISHED

DENSITY, G/CM<sup>3</sup>: 1.01 - 1.01

PH: NOT APPLICABLE

FREEZE POINT, DEG. C: NOT ESTABLISHED

VISCOSITY (MPA.S): NOT ESTABLISHED

SOLUBILITY IN WATER: NO INFORMATION

PARTITION COEFF., N-OCTANOL/WATER: NOT ESTABLISHED

DECOMPOSITION TEMPERATURE, DEG. C: NOT ESTABLISHED

EXPLOSIVE LIMITS, %: N.I. - N.I.

BOILING RANGE, DEG. C: N.I. - N.I.

AUTO-IGNITION TEMPERATURE, DEG. C NOT ESTABLISHED

MINIMUM FLASH POINT, DEG. C: 100

VAPOR PRESSURE, MMHG: NOT ESTABLISHED

EVAPORATION RATE: SLOWER THAN N-BUTYL ACETATE

FLASH METHOD: PENSKY-MARTENS CLOSED CUP

VAPOR DENSITY: HEAVIER THAN AIR

FLAMMABILITY: NON-FLAMMABLE

COMBUSTIBILITY: DOES NOT SUPPORT COMBUSTION

(SEE "OTHER INFORMATION" SECTION FOR ABBREVIATION LEGEND)

(IF PRODUCT IS AN AEROSOL, THE FLASH POINT STATED ABOVE IS THAT OF THE PROPELLANT.)

## 10. STABILITY AND REACTIVITY

STABILITY: STABLE UNDER RECOMMENDED STORAGE CONDITIONS.

CONDITIONS TO AVOID: OXIDIZING AGENTS. EXCESSIVE HEAT AND FREEZING.

INCOMPATIBILITY: INCOMPATIBLE WITH STRONG BASES AND OXIDIZING AGENTS.

HAZARDOUS DECOMPOSITION PRODUCTS:

NORMAL DECOMPOSITION PRODUCTS, I.E., COX, NOX.

## 11. TOXICOLOGICAL INFORMATION

EFFECT OF OVEREXPOSURE - INHALATION:

UNDER NORMAL USE CONDITIONS, THIS PRODUCT IS NOT EXPECTED TO CAUSE ADVERSE HEALTH EFFECTS. DURING APPLICATION AND CURE, THIS PRODUCT RELEASES ACETIC ACID. INHALATION OF VAPORS IN HIGH CONCENTRATION MAY CAUSE MILD IRRITATION OF RESPIRATORY SYSTEM (NOSE, MOUTH, MUCOUS MEMBRANES).

EFFECT OF OVEREXPOSURE - SKIN CONTACT:

UNDER NORMAL USE CONDITIONS, THIS PRODUCT IS NOT EXPECTED TO CAUSE ADVERSE HEALTH EFFECTS. PROLONGED OR REPEATED CONTACT WITH SKIN MAY CAUSE MILD IRRITATION.

EFFECT OF OVEREXPOSURE - EYE CONTACT:

UNDER NORMAL USE CONDITIONS, THIS PRODUCT IS NOT EXPECTED TO CAUSE ADVERSE HEALTH EFFECTS. DIRECT EYE CONTACT MAY CAUSE IRRITATION.

EFFECT OF OVEREXPOSURE - INGESTION:

UNDER NORMAL USE CONDITIONS, THIS PRODUCT IS NOT EXPECTED TO CAUSE ADVERSE HEALTH EFFECTS. SINGLE DOSE ORAL TOXICITY IS VERY LOW. AMOUNTS INGESTED INCIDENTAL TO INDUSTRIAL HANDLING ARE NOT LIKELY TO CAUSE INJURY; HOWEVER, INGESTION OF LARGE AMOUNTS MAY CAUSE INJURY. INGESTION MAY RESULT IN OBSTRUCTION WHEN MATERIAL HARDENS.

CARCINOGENICITY: NO INFORMATION

EFFECT OF OVEREXPOSURE - CHRONIC HAZARDS:

REPEATED OR PROLONGED EXPOSURE MAY CAUSE MILD IRRITATION OF EYES AND SKIN.

PRIMARY ROUTE(S) OF ENTRY: NO INFORMATION

ACUTE TOXICITY VALUES:

THE ACUTE EFFECTS OF THIS PRODUCT HAVE NOT BEEN TESTED. DATA ON INDIVIDUAL COMPONENTS ARE TABULATED BELOW

CAS-NO.	CHEMICAL NAME	ORAL LD50	DERMAL LD50	VAPOR LC50
64742-46-7	HYDROTREATED MIDDLE DISTILLATE	7400 MG/KG RAT	>2000 MG/KG RABBIT	>20 MG/L
7631-86-9	SILICA, AMORPHOUS	>3300 MG/KG RAT	>5000 MG/KG RABBIT	>20 MG/L

7429-90-5	ALUMINUM	>2000 MG/KG RAT	2000 MG/KG RAT	7.6 MG/L RAT
13463-67-7	TITANIUM DIOXIDE	>10000 MG/KG RAT	>5000 MG/KG RABBIT	>20 MG/L
1333-86-4	CARBON BLACK	>8000 MG/KG RAT	>3000 MG/KG RABBIT	>20 MG/L

N.I. = NO INFORMATION

## 12. ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION:

ECOLOGICAL INJURIES ARE NOT KNOWN OR EXPECTED UNDER NORMAL USE.

## 13. DISPOSAL INFORMATION

DISPOSAL INFORMATION:

THIS PRODUCT DOES NOT MEET THE DEFINITION OF A HAZARDOUS WASTE ACCORDING TO U.S. EPA HAZARDOUS WASTE MANAGEMENT REGULATION, 40 CFR SECTION 261. DISPOSE AS HAZARDOUS WASTE ACCORDING TO ALL LOCAL, STATE, FEDERAL AND PROVINCIAL REGULATIONS. STATE AND LOCAL REGULATIONS/RESTRICTIONS ARE COMPLEX AND MAY DIFFER FROM FEDERAL REGULATIONS. RESPONSIBILITY FOR PROPER WASTE DISPOSAL IS WITH THE OWNER OF THE WASTE.

## 14. TRANSPORT INFORMATION

SPECIAL TRANSPORT PRECAUTIONS: NO INFORMATION

DOT UN/NA NUMBER: N.A.

DOT PROPER SHIPPING NAME: NOT REGULATED

DOT TECHNICAL NAME: N.A.

DOT HAZARD CLASS: N.A.

HAZARD SUBCLASS: N.A.

PACKING GROUP: N.A.

## 15. REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS:

CERCLA - SARA HAZARD CATEGORY:

THIS PRODUCT HAS BEEN REVIEWED ACCORDING TO THE EPA 'HAZARD CATEGORIES' PROMULGATED UNDER SECTIONS 311 AND 312 OF THE SUPERFUND AMENDMENT AND REAUTHORIZATION ACT OF 1986 (SARA TITLE III) AND IS CONSIDERED, UNDER APPLICABLE DEFINITIONS, TO MEET THE FOLLOWING CATEGORIES: NONE KNOWN

SARA SECTION 313:

THIS PRODUCT CONTAINS THE FOLLOWING SUBSTANCES SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF TITLE III OF THE SUPERFUND AMENDMENT AND REAUTHORIZATION ACT OF 1986 AND 40 CFR PART 372:

CHEMICAL NAME      CAS-NO.

ALUMINUM            7429-90-5

TOXIC SUBSTANCES CONTROL ACT:

ALL INGREDIENTS IN THIS PRODUCT ARE EITHER ON TSCA INVENTORY LIST, OR OTHERWISE EXEMPT.

THIS PRODUCT CONTAINS THE FOLLOWING CHEMICAL SUBSTANCES SUBJECT TO THE REPORTING REQUIREMENTS OF TSCA 12(B) IF EXPORTED FROM THE UNITED STATES: NO TSCA 12(B) COMPONENTS EXIST IN THIS PRODUCT.

CALIFORNIA PROPOSITION 65 CARCINOGENS AND REPRODUCTIVE TOXINS:

CALIFORNIA PROPOSITION 65: NONE KNOWN.

INTERNATIONAL REGULATIONS: AS FOLLOWS -

CANADIAN WHMIS:

THIS SDS HAS BEEN PREPARED IN COMPLIANCE WITH CONTROLLED PRODUCT REGULATIONS EXCEPT FOR THE USE OF THE 16 HEADINGS.

WHMIS CLASS: NOT CONTROLLED

## **16. OTHER INFORMATION**

REVISION DATE: 3/15/2017

SUPERSEDES DATE: NEW MSDS

REASON FOR REVISION: HAZCOM2012/GHS CONVERSION

DATASHEET PRODUCED BY: REGULATORY DEPARTMENT

HMIS RATINGS:

HEALTH	1
FLAMMABILITY	0
REACTIVITY	1
PERSONAL PROTECTION	X

VOC LESS WATER LESS EXEMPT SOLVENT, G/L: 30.2

VOC MATERIAL, G/L: 30

VOC AS DEFINED BY CALIFORNIA CONSUMER PRODUCT REGULATION, WT/WT%: 3.0

TEXT FOR GHS HAZARD STATEMENTS SHOWN IN SECTION 3 DESCRIBING EACH  
INGREDIENT:

H228: FLAMMABLE SOLID.  
H250: CATCHES FIRE SPONTANEOUSLY IF EXPOSED TO AIR.  
H261: IN CONTACT WITH WATER RELEASES FLAMMABLE GASES.  
H312: HARMFUL IN CONTACT WITH SKIN.  
H331: TOXIC IF INHALED.  
H332: HARMFUL IF INHALED.  
H350: MAY CAUSE CANCER.

ICONS FOR GHS PICTOGRAMS SHOWN IN SECTION 3 DESCRIBING EACH INGREDIENT:

GHS02: FLAME  
GHS06: SKULLS AND CROSSBONES  
GHS07: EXCLAMATION MARK  
GHS08: HEALTH HAZARD

LEGEND:

N.A.: NOT APPLICABLE  
N.E.: NOT ESTABLISHED  
N.D.: NOT DETERMINED

DAP BELIEVES THE DATA AND STATEMENTS CONTAINED HEREIN ARE ACCURATE AS OF THE DATE HEREOF. THEY ARE OFFERED IN GOOD FAITH AS TYPICAL VALUES AND NOT AS A PRODUCT SPECIFICATION. NO WARRANTY OF MERCHANTABILITY, WARRANTY OF FITNESS FOR ANY PARTICULAR PURPOSE OR ANY OTHER WARRANTY, EXPRESS OR IMPLIED, IS MADE WITH REGARD TO THE INFORMATION HEREIN PROVIDED OR THE PRODUCT TO WHICH THE INFORMATION REFERS. SINCE THIS DOCUMENT IS INTENDED ONLY AS A GUIDE TO THE APPROPRIATE USE AND PRECAUTIONARY HANDLING OF THE REFERENCED PRODUCT BY A PROPERLY TRAINED PERSON, IT IS THEREFORE THE RESPONSIBILITY OF THE USER TO (I) REVIEW THE RECOMMENDATIONS WITH DUE CONSIDERATION FOR THE SPECIFIC CONTEXT OF THE INTENDED USE AND (II) DETERMINE IF THEY ARE APPROPRIATE.