

ITEM: 5E104 - GLUE CARPENTER 1 G

PICK REQ: 1005589885

MATERIAL SAFETY DATA SHEET (MSDS)

MSDS: A3433

This MSDS should be attached or kept with the respective product with which it is associated.

MATERIAL SAFETY DATA SHEET - A3433

Associated Grainger Item: 5E104 - GLUE CARPENTER 1 G

MATERIAL SAFETY DATA SHEET

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: DAP WELDWOOD CARPENTER'S GLUE
UPC NUMBER: 00489, 00490, 00491, 00492, 00493, 00494, 00495
PRODUCT USE/CLASS: GLUE
MANUFACTURER:
DAP INC.
2400 BOSTON STREET
BALTIMORE, MD 21224

24 HOUR EMERGENCY:
TRANSPORTATION: 1-800-535-5053 (352-323-3500)
MEDICAL: 1-800-327-3874 (513-558-5111)

GENERAL INFORMATION:
DAP INC.: 1-888-DAP-TIPS (1-888-327-8477)

PREPARE DATE: 07/29/1997

REVISION NO.: 10

REVISION DATE: 12/30/1999

SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

ITEM	CHEMICAL NAME	CAS NUMBER	WT/WT % RANGE
NO HAZARDOUS INGREDIENTS IN THIS PRODUCT.			

EXPOSURE LIMITS

ITEM	ACGIH		OSHA	COMPANY		
	TLV-TWA	TLV-STEL			PEL-TWA	PEL-CEILING
(SEE SECTION 16 FOR ABBREVIATION LEGEND)						

ALL REMAINING INGREDIENTS ARE NOT CONSIDERED HAZARDOUS PER THE OSHA HAZARD COMMUNICATION STANDARD.

(*) PERMISSIBLE EXPOSURE LEVELS (PEL) ARE FROM THE U.S. DEPT. OF LABOR (FEDERAL RULE LIMITS (CFR 29 1910.1000); LIMITS MAY VARY BETWEEN STATES.

SECTION 3 - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

CAUTION!

MAY CAUSE EYE, NOSE, SKIN AND THROAT IRRITATION.

POTENTIAL HEALTH EFFECTS:

EFFECTS OF OVEREXPOSURE - EYE CONTACT: MAY CAUSE EYE IRRITATION.

EFFECTS OF OVEREXPOSURE - SKIN CONTACT:
PROLONGED OR REPEATED CONTACT WITH SKIN MAY CAUSE IRRITATION.

EFFECTS OF OVEREXPOSURE - INHALATION:
VAPOR MAY CAUSE NOSE AND THROAT IRRITATION.

EFFECTS OF OVEREXPOSURE - INGESTION: NONE KNOWN.

EFFECTS OF OVEREXPOSURE - CHRONIC HAZARDS:
THIS PRODUCT CONTAINS SMALL AMOUNT OF VINYL ACETATE WHICH IS CLASSIFIED AS A CLASS 2B CARCINOGEN BY IARC. VINYL ACETATE WAS SHOWN TO CAUSE CANCER IN THE RESPIRATORY TRACT OF LABORATORY ANIMALS. THERE IS NO EVIDENCE THAT VINYL ACETATE CAUSES CANCER IN HUMANS. THE IARC PUBLISHED A MONOGRAPH ON VINYL ACETATE (1995). IN THIS MONOGRAPH IARC INDICATES "THERE IS INADEQUATE EVIDENCE IN HUMANS FOR CARCINOGENICITY OF VINYL ACETATE. THERE IS LIMITED EVIDENCE IN EXPERIMENTAL ANIMALS FOR CARCINOGENICITY OF VINYL ACETATE." NORMALLY, THIS LACK OF CONCLUSIVE EVIDENCE WOULD PLACE A SUBSTANCE IN THE IARC CATEGORY 3 CLASSIFICATION (NOT CLASSIFIED AS A HUMAN CARCINOGEN). HOWEVER, BECAUSE VINYL ACETATE IS METABOLIZED TO ACETALDEHYDE, WHICH HAS AN IARC 2B (POSSIBLY CARCINOGENIC TO HUMANS) CLASSIFICATION, IT ALSO HAS BEEN LISTED UNDER CATEGORY 2B.

MEDICAL CONDITIONS WHICH MAY BE AGGRAVATED BY CONTACT: NONE KNOWN.

PRIMARY ROUTE(S) OF ENTRY:
SKIN CONTACT
INGESTION

SECTION 4 - FIRST AID MEASURES

EYE CONTACT:
FLUSH WITH LARGE QUANTITIES OF WATER UNTIL IRRITATION SUBSIDES. IF IRRITATION PERSISTS, CALL MEDICAL IN SECTION 1.

SKIN CONTACT:
WASH WITH SOAP AND WATER. IF IRRITATION PERSISTS, CALL MEDICAL IN SECTION 1.

INHALATION: REMOVE TO FRESH AIR. CALL MEDICAL IN SECTION 1 IMMEDIATELY.

INGESTION: DO NOT INDUCE VOMITING. CALL MEDICAL IN SECTION 1 IMMEDIATELY.

COMMENTS: NONE.

SECTION 5 - FIRE FIGHTING MEASURES

FLASH POINT (SETAFLASH CLOSED CUP): >200F

LOWER EXPLOSIVE LIMIT: N.A.
UPPER EXPLOSIVE LIMIT: N.A.

AUTOIGNITION TEMPERATURE: N.E.

EXTINGUISHING MEDIA:
CO2
DRY CHEMICAL
FOAM
WATER FOG

UNUSUAL FIRE AND EXPLOSION HAZARDS: NONE KNOWN.

SPECIAL FIREFIGHTING PROCEDURES:
AS IN ANY FIRE, WEAR SELF-CONTAINED BREATHING APPARATUS PRESSURE-DEMAND (MSHA/NIOSH APPROVED OR EQUIVALENT) AND FULL PROTECTIVE GEAR. USE WATER SPRAY TO COOL EXPOSED SURFACES.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

SPILL OR LEAK PROCEDURES:
USE ABSORBENT MATERIAL OR SCRAPE UP DRIED MATERIAL AND PLACE INTO CONTAINERS.

SECTION 7 - HANDLING AND STORAGE

HANDLING INFORMATION:
KEEP OUT OF REACH OF CHILDREN, AVOID PROLONGED OR REPEATED CONTACT WITH SKIN. AVOID CONTACT WITH EYES. DO NOT TAKE INTERNALLY.

STORAGE INFORMATION:
STORE AWAY FROM CAUSTICS AND OXIDIZERS. KEEP CONTAINERS TIGHTLY CLOSED WHEN NOT IN USE. KEEP CONTAINERS FROM EXCESSIVE HEAT AND FREEZING. DO NOT STORE AT TEMPERATURES ABOVE 120 DEGREES F.

OTHER PRECAUTIONS: NONE.

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: NORMAL ROOM VENTILATION.

RESPIRATORY PROTECTION: NONE REQUIRED.

EYE PROTECTION:
SAFETY GLASSES WITH SIDE SHIELDS RECOMMENDED IF SPLASH POTENTIAL EXISTS.

SKIN PROTECTION: NONE REQUIRED.

OTHER PROTECTIVE EQUIPMENT: NONE.

HYGIENIC PRACTICES:
ALTHOUGH THIS PRODUCT IS NOT CONSIDERED AN EYE IRRITANT, INHALATION HAZARD, OR A SKIN CONTACT HAZARD UNDER NORMAL CONDITIONS, IT IS ADVISABLE THAT PERSONNEL MINIMIZE SKIN CONTACT, INHALATION OF VAPORS, AND EYE CONTACT. WASH CONTAMINATED CLOTHING BEFORE REUSE.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

BOILING RANGE: 210 - 220 F.

VAPOR DENSITY: IS LIGHTER THAN AIR

ODOR: SLIGHT ODOR

APPEARANCE: YELLOW LIQUID

EVAPORATION RATE: IS SLOWER THAN BUTYL ACETATE

SOLUBILITY IN H2O: MISCIBLE

SPECIFIC GRAVITY: 1.09

VAPOR PRESSURE: 17.5 MMHg @ 68 F.

PHYSICAL STATE: THICK LIQUID

(SEE SECTION 16 FOR ABBREVIATION LEGEND)

SECTION 10 - STABILITY AND REACTIVITY

CONDITIONS TO AVOID: EXCESSIVE HEAT AND FREEZING.

INCOMPATIBILITY: STRONG OXIDIZERS AND CAUSTICS.

HAZARDOUS DECOMPOSITION PRODUCTS:
NORMAL DECOMPOSITION PRODUCTS, I.E. CO₂, NO_x

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR UNDER NORMAL CONDITIONS.

STABILITY: THIS PRODUCT IS STABLE UNDER NORMAL STORAGE CONDITIONS.

SECTION 11 - TOXICOLOGICAL PROPERTIES

THE TOXICOLOGICAL PROPERTIES OF THIS MATERIAL ARE UNKNOWN, HOWEVER, BASED ON THE TOXICITY OF ITS CONSTITUENTS, IT IS EXPECTED TO HAVE RELATIVELY LOW TOXICITY.

SECTION 12 - ECOLOGICAL INFORMATION

NO INFORMATION.

SECTION 13 - DISPOSAL CONSIDERATIONS

WASTE MANAGEMENT/DISPOSAL:
DISPOSE OF ACCORDING TO FEDERAL, STATE, AND LOCAL STANDARDS. THIS PRODUCT
DOES NOT MEET THE DEFINITION OF A HAZARDOUS WASTE ACCORDING TO U.S. EPA
HAZARDOUS WASTE MANAGEMENT REGULATIONS, 40 CFR SECTION 261. 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.

EPA WASTE CODE - IF DISCARDED (40 CFR 261): NONE.

SECTION 14 - TRANSPORTATION INFORMATION

DOT PROPER SHIPPING NAME: NOT REGULATED BY D.O.T.

DOT HAZARD CLASS: NONE
HAZARD SUBCLASS: NONE

DOT UN/NA NUMBER: NONE
PACKING GROUP: NONE

SECTION 15 - REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS: AS FOLLOWS -

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

CHEMICAL NAME	CAS NUMBER	WT/WT % RANGE
VINYL ACETATE MONOMER	108-05-4	0.05-0.1%

TOXIC SUBSTANCES CONTROL ACT:
THIS PRODUCT CONTAINS THE FOLLOWING CHEMICAL SUBSTANCES SUBJECT TO THE
REPORTING REQUIREMENTS OF TSCA 12(B) IF EXPORTED FROM THE UNITED STATES:

CHEMICAL NAME	CAS NUMBER
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NONE.

NEW JERSEY RIGHT-TO-KNOW:
THE FOLLOWING MATERIALS ARE NON-HAZARDOUS, BUT ARE AMONG THE TOP FIVE
COMPONENTS IN THIS PRODUCT:

CHEMICAL NAME	CAS NUMBER
VINYL ACETATE POLYMER	TSRN-010687010009470P
WATER	7732-18-5

PENNSYLVANIA RIGHT-TO-KNOW:
THE FOLLOWING NON-HAZARDOUS INGREDIENTS ARE PRESENT IN THE PRODUCT AT
CONCENTRATIONS GREATER THAN 3%:

CHEMICAL NAME	CAS NUMBER
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VINYL ACETATE POLYMER	PROPRIETARY
WATER	7732-18-5

CALIFORNIA PROPOSITION 65:

WARNING:
THE CHEMICAL(S) NOTED BELOW AND CONTAINED IN THIS PRODUCT, ARE KNOWN TO
THE STATE OF CALIFORNIA TO CAUSE CANCER, BIRTH DEFECTS OR OTHER
REPRODUCTIVE HARM:

CHEMICAL NAME	CAS NUMBER
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NO PROPOSITION 65 CHEMICALS ARE KNOWN TO EXIST IN THIS PRODUCT.

INTERNATIONAL REGULATIONS: AS FOLLOWS -

NONE.

SECTION 16 - OTHER INFORMATION

HMS RATINGS:
HEALTH 1
FLAMMABILITY 1
REACTIVITY 0

PREVIOUS MSDS REVISION DATE: 07/29/1997

REASON FOR REVISION:
SECTION 1: ADDRESS CHANGE AND NEW EMERGENCY CONTACT PHONE NUMBERS.

VOC LESS WATER, LESS EXEMPT SOLVENTS: 10-15 GM/L
VOC MATERIAL: 1-5 GM/L

LEGEND:
ACGIH - AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS
N.A. - NOT APPLICABLE
N.E. - NOT ESTABLISHED
PEL - PERMISSIBLE EXPOSURE LIMIT
NTP - NATIONAL TOXICOLOGY PROGRAM
SARA - SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986
STEL - SHORT TERM EXPOSURE LIMIT
TLV - THRESHOLD LIMIT VALUE (8 HR. TIME WEIGHTED AVERAGE OR TWA)
VOC - VOLATILE ORGANIC COMPOUND
NJRTK - NEW JERSEY RIGHT TO KNOW LAW
N.D. - NOT DETERMINED

1 30207

THIS DATA IS OFFERED IN GOOD FAITH AS TYPICAL VALUES AND NOT AS A PRODUCT
SPECIFICATION. NO WARRANTY EITHER EXPRESSED OR IMPLIED, IS HEREBY MADE.
THE RECOMMENDED INDUSTRIAL HYGIENE AND SAFE HANDLING PROCEDURES ARE
BELIEVED TO BE GENERALLY APPLICABLE. HOWEVER, EACH USER SHOULD REVIEW THE
RECOMMENDATIONS IN SPECIFIC CONTEXT OF THE INTENDED USE AND DETERMINE IF
THEY ARE APPROPRIATE.