

M A T E R I A L   S A F E T Y   D A T A   S H E E T

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

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

LOS DATOS DE SEGURIDAD DEL PRODUCTO PUEDEN OBTENERSE EN ESPANOL SI LO REQUIERE.

PRODUCT NAME : SIDEWINDER CLEAR ADHESIVE SEALANT  
 UPC # : 7079800816  
 PRODUCT USE/CLASS : CAULK SEALANT

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 (513-636-5118)

PREPARE DATE: 06/18/2003      GENERAL INFORMATION  
 REVISION NO. : 1              DAP INC. : 1-888-DAP-TIPS (1-888-327-8477)  
 REVISION DATE: 06/18/2003

SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

ITEM	CHEMICAL NAME	CAS NUMBER	WT/WT % EQUAL TO
01	Ethyl benzene	100-41-4	20 - 30 %
02	Xylene	1330-20-7	5 - 10 %

EXPOSURE LIMITS

ITEM	ACGIH		OSHA		COMPANY	
	TLV-TWA	TLV-STEL	PEL-TWA	PEL-CEILING	TLV-TWA	SKIN
01	100 ppm	125 ppm	100 ppm	N.E.	N.E.	NO
02	100 ppm	150 ppm	N.E.	100 ppm	N.E.	NO

(See Section 16 for abbreviation legend)

Remaining ingredients are not considered hazardous per the OSHA Hazard Communication Standard.

Listed Permissible Exposure Levels (PEL) are from the U.S. Dept. of Labor OSHA Final Rule Limits (CFR 29 1910.1000); limits may vary between states.

SECTION 3 - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: DANGER! Flammable liquid and vapor. Vapor harmful. Harmful or fatal if swallowed. Vapors may cause flash fire or explosion. Aspiration hazard if swallowed - can enter lungs and cause damage. Harmful if inhaled. May irritate eyes, skin nose and upper respiratory tract.

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SECTION 3 - HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS:

EFFECTS OF OVEREXPOSURE - EYE CONTACT: May cause eye irritation.

EFFECTS OF OVEREXPOSURE - SKIN CONTACT: May irritate skin. Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash). Can be absorbed through the skin.

EFFECTS OF OVEREXPOSURE - INHALATION: Vapor harmful if inhaled. Vapor may irritate nose and upper respiratory tract. Vapor inhalation may affect the brain or nervous system causing dizziness, headache or nausea. Prolonged vapor inhalation may result in severe physical injury.

EFFECTS OF OVEREXPOSURE - INGESTION: This material may be harmful or fatal if swallowed. Aspiration of material into the lungs due to vomiting can cause chemical pneumonitis which can be fatal. If ingested, this product may cause vomiting, diarrhea, and depressed respiration.

EFFECTS OF OVEREXPOSURE - CHRONIC HAZARDS: Reports have associated permanent brain and nervous system damage with prolonged and repeated occupational overexposure to solvents. May cause kidney and liver damage as well as developmental and reproductive toxicity.

MEDICAL CONDITIONS WHICH MAY BE AGGRAVATED BY CONTACT: None known.

PRIMARY ROUTE(S) OF ENTRY: SKIN CONTACT INHALATION

SECTION 4 - FIRST AID MEASURES

EYE CONTACT: Immediately flush with large quantities of water until irritation subsides. Get medical attention immediately.

SKIN CONTACT: Wash with soap and water.

INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

Note: Only trained personnel should give artificial respiration or administer oxygen.

INGESTION: DO NOT INDUCE VOMITING. Get medical attention immediately.

COMMENTS: Call 1-800-327-3874 if irritation or complications arise from any of the above exposures.

SECTION 4 - FIRST AID MEASURES

SECTION 5 - FIRE FIGHTING MEASURES

FLASH POINT: 80 F

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

AUTOIGNITION TEMPERATURE:

EXTINGUISHING MEDIA: Foam, CO2, dry chemical.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Flammable! Material will readily ignite at room temperature. Vapors may form an explosive mixture with air. Vapors can travel long distances to a source of ignition and flashback. Eliminate sources of ignition: heat, electrical equipment, sparks, pilot lights, stoves and flames. Do not smoke Do not put in contact with oxidizing or caustic materials.

SPECIAL FIREFIGHTING PROCEDURES: Full protective equipment, including self-contained breathing apparatus, is recommended to protect from combustion products. Cool exposed containers with water.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

SPILL OR LEAK PROCEDURES: Dike spill area. Immediately eliminate sources of ignition. 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 skin and eye contact. Avoid breathing vapors. Use only in a well ventilated area. Ensure fresh air entry.

STORAGE INFORMATION: Store away from caustics and oxidizers. Keep away from heat, spark, and flame. 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: Intentional misuse by deliberately concentrating and inhaling vapors may be harmful or fatal. Do not take internally. Construction and repair activities can adversely affect indoor air quality. Consult with the occupants or a representative (i.e. maintenance, building manager, industrial hygienist, or safety officer) to determine ways to minimize any impact.

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

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ENGINEERING CONTROLS: Provide sufficient mechanical ventilation (local or general exhaust) to maintain exposure below PEL and TLV. Vapors are heavier than air and will collect in low areas. Check all low areas (basements, sumps, etc.) for vapors before entering.

RESPIRATORY PROTECTION: If you experience eye watering, headache or dizziness or if used in the work place and air monitoring demonstrates vapor levels are above exposure limits, use NIOSH approved respiratory protection in accordance with applicable federal, state and local requirements. Consult your safety equipment supplier and the OSHA regulation, 29 CFR 1910.134 for respirator requirements. A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

EYE PROTECTION: Goggles or safety glasses with side shields.

SKIN PROTECTION: Solvent impervious gloves.

OTHER PROTECTIVE EQUIPMENT: Provide eyewash and solvent impervious apron if body contact may occur.

HYGIENIC PRACTICES: Remove contaminated clothing and wash before reuse.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

BOILING RANGE	: N.A.	VAPOR DENSITY	: Heavier than air
ODOR	: Solvent	ODOR THRESHOLD	: N. E.
APPEARANCE	: Paste	EVAPORATION RATE:	Faster than butyl acetate
SOLUBILITY IN H2O	: Insoluble		
SPECIFIC GRAVITY:	0.93	pH:	N. E.
FREEZE POINT	: N.E.	VISCOSITY	: 250,00 ù 300,000
VAPOR PRESSURE	: N.A.		cPs
PHYSICAL STATE	: Paste		
COEFFICIENT OF WATER/OIL DISTRIBUTION: N.E.			

(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. COx, NOx

HAZARDOUS POLYMERIZATION: Will not occur under normal conditions.

STABILITY: This product is stable under normal storage conditions.

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SECTION 11 - TOXICOLOGICAL PROPERTIES

No product toxicological information is available.

This product contains ethylbenzene. The International Agency for Research of Cancer (IARC) has classified ethylbenzene as a Group 2B carcinogen - possibly carcinogenic to humans. While there is inadequate evidence of carcinogenicity in humans, this compound shows sufficient evidence of carcinogenicity in animals (IARC, 2001). The US Environmental Protection Agency (EPA) has classified ethylbenzene as a Class D carcinogen (not classifiable as to human carcinogenicity). This is based on the lack of animal bioassays and human studies. The American Conference of Governmental Industrial Hygienists has classified ethylbenzene as a Confirmed Animal Carcinogen with Unknown Relevance to Humans. There should be minimal risk when used with ventilation adequate to keep the atmospheric concentration of ethylbenzene below the recommended exposure limit. Maintain adequate ventilation to prevent exposure above current OSHA / ACGIH exposure limits. Workplace monitoring of the air to define ethylbenzene exposure levels may be necessary.

SECTION 12 - ECOLOGICAL INFORMATION

No product information is available.

SECTION 13 - DISPOSAL CONSIDERATIONS

WASTE MANAGEMENT/DISPOSAL: Dispose of according to Federal, State, and Local Standards. Discarded material should be incinerated at a permitted facility. Liquids cannot be disposed of in a landfill. Do not reuse empty container. 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): D001 Ignitable.

SECTION 14 - TRANSPORTATION INFORMATION

DOT PROPER SHIPPING NAME: Solids containing flammable liquids, N.O.S. (Xylene) (Consumer Commodity\*)

DOT HAZARD CLASS: 4.1 (Flammable Solid) (ORM-D\*)

DOT UN/NA NUMBER: 3175 (NONE\*) PACKING GROUP: II (None\*)

\* For containers of 1 gallon or less.

Note: The shipping information provided is applicable for domestic ground transport only. Different categorization may apply is shipped via other modes of transportation and/or to non-domestic destinations.

SECTION 15 - REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS: AS FOLLOWS -

OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200)

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SECTION 15 - REGULATORY INFORMATION

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:

IMMEDIATE HEALTH HAZARD    CHRONIC HEALTH HAZARD    FIRE HAZARD

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
Xylene	1330-20-7
Ethyl Benzene	100-41-4

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
Xylene	1330-20-7

U.S. STATE REGULATIONS: AS FOLLOWS -

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
Contents partially unknown	

----- CHEMICAL NAME -----	CAS NUMBER
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PENNSYLVANIA RIGHT-TO-KNOW:

The following non-hazardous ingredients are present in the product at greater than 3%:

----- CHEMICAL NAME -----	CAS NUMBER
Contents partially unknown	

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
Formaldehyde	50-00-0
Toluene	108-88-3
Benzene	71-43-2

SECTION 15 - REGULATORY INFORMATION

INTERNATIONAL REGULATIONS: AS FOLLOWS -

CANADIAN WHMIS: This MSDS has been prepared in compliance with Controlled Product Regulations except for use of the 16 headings.

CANADIAN WHMIS CLASS: No information available.

SECTION 16 - OTHER INFORMATION

HMIS RATINGS - HEALTH: 1      FLAMMABILITY: 2      REACTIVITY: 1

PREVIOUS MSDS REVISION DATE: 09/12/2001

VOC less water, less exempt 300 g/l (32 ± 33%)

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

MSDS# 10036

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.

< End OF MSDS >