

MSDS TWILL PROTECTANT 11207-00

B1 BESTOP INC.

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B1 MATERIAL SAFETY DATA SHEET

B1 ALIPHATIC HYDROCARBONS / FLUORINATED POLYMER

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B1 SECTION 1 - PRODUCT AND COMPANY INFORMATION

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B1 PRODUCT NAME: ALIPHATIC HYDROCARBONS / FLUORINATED POLYMER

B1 COMMON NAME: BESTOP TWILL PROTECTANT 11207

B2 MANUFACTURER'S NAME: BESTOP, INC

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B1 SECTION 2 - HAZARDOUS INGREDIENTS

CAS NO.	INGREDIENT	% BY WT.	V.P.
64742-47-8	ALIPHATIC HYDROCARBONS	84 - 90%	1.00mmHg @ 77.0 F
79-01-6	TRICHLOROETHYLENE	1- 3%	58mmHg @ 70.0 F

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B1 SECTION 3 - HAZARDS IDENTIFICATION

B1 \*\*\*\*\*EMERGENCY OVERVIEW\*\*\*\*\*

B1 \* COMBUSTIBLE. CAUSES EYE IRRITATION. CLEAR LIQUID SUBSTANCE\*

B1 \*\*\*\*\*

B1 CHRONIC CANCER INFORMATION: NO DATA

B1 TERATOLOGY (BIRTH DEFECT) INFORMATION: NO DATA

B1 REPRODUCTION INFORMATION: NO DATA AVAILABLE.

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B1 SECTION 4 - FIRST AID MEASURES

B1 EYES - MOVE INDIVIDUAL AWAY FROM EXPOSURE AND INTO FRESH AIR.

B1 FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES.

B1 SEEK MEDICAL ATTENTION.

B1 SKIN - REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP AND WATER.

B1 SEEK MEDICAL ATTENTION IF IRRITATION DEVELOPS.

B1 LAUNDRER CLOTHING BEFORE USE.

B1 INGESTION - DO NOT INDUCE VOMITING. THIS MATERIAL IS AN ASPIRATION HAZARD. IF INDIVIDUAL IS DROWSY OR UNCONSCIOUS, PLACE ON LEFT SIDE WITH HEAD DOWN.

B1 SEEK MEDICAL ATTENTION. IF POSSIBLE, DO NOT LEAVE INDIVIDUAL UNATTENDED.

B1 INHALATION - REMOVE TO FRESH AIR. IF NOT BREATHING GIVE ARTIFICIAL RESPIRATION. SEEK IMMEDIATE MEDICAL ATTENTION.

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B1 SECTION 5 - FIREFIGHTING MEASURES

B1 FLAMMABLE PROPERTIES:

B1 FLASH POINT : 108.0 F METHOD TCC

B1 COMBUSTIBLE: HANDLE AS A COMBUSTIBLE LIQUID

B1 FLAMMABLE LIMITS:

B1 LOWER FLAMMABLE LIMIT: NA

B1 UPPER FLAMMABLE LIMIT: NA

B1 AUTOIGNITION TEMPERATURE: 420.0 F

B1 HAZARDOUS COMBUSTION PRODUCTS: CARBON DIOXIDE, CARBON MONOXIDE, ALDEHYDES AND VARIOUS HYDROCARBONS.

B1 EXTINGUISHING MEDIA: REGULAR FOAM, CARBON DIOXIDE, AND

B1 DRY CHEMICAL.

B1 FIREFIGHTING INSTRUCTIONS: WATER CAN BE USED TO KEEP  
B1 EXPOSED CONTAINERS COOL, TO PROTECT.

B1 FIREFIGHTERS SHOULD WEAR NORMAL PROTECTIVE EQUIPMENT (FULL  
B1 BUNKER GEAR) AND POSITIVE-PRESSURE SELF CONTAINED BREATHING  
B1 APPARATUS.

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B1 SECTION 6 - ENVIRONMENTAL RELEASE MEASURES

B1 SMALL SPILL: ABSORB SPILL USING VERMICULITE FLOOR ABSORBENT  
B1 OR OTHER ABSORBENT MATERIAL.

B1 LARGE SPILL: ELIMINATE ALL IGNITION SOURCES. PERSONS NOT  
B1 WEARING PROTECTIVE EQUIPMENT SHOULD BE  
B1 EXCLUDED FROM AREA OF SPILL UNTIL CLEAN UP  
B1 HAS BEEN COMPLETED. STOP AT SPILL SOURCE  
B1 PREVENT FROM SPREADING. IF RUNOFF OCCURS,  
B1 NOTIFY AUTHORITIES AS REQUIRED.

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B1 SECTION 7 - HANDLING AND STORAGE

B1 HANDLING: CONTAINERS OF THIS MATERIAL MAY BE HAZARDOUS  
B1 WHEN EMPTIED. SINCE EMPTIED CONTAINERS RETAIN  
B1 PRODUCT RESIDUES, ALL HAZARD PRECAUTIONS GIVEN  
B1 IN THE DATA SHEET SHOULD BE OBSERVED.

B1 STORAGE: STORE IN WELL VENTILATED AREA. KEEP AWAY FROM  
B1 HEAT, SPARKS AND FLAMES. EMPTIED CONTAINERS  
B1 MAY RETAIN PRODUCT RESIDUES. PRECAUTIONS APPLY  
B1 TO EMPTIED CONTAINERS.

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B1 SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

B1 ENGINEERING CONTROLS: USE ONLY WITH ADEQUATE VENTILATION.

B1 RESPIRATORY PROTECTION: WHEN RESPIRATORY PROTECTION IS  
B1 REQUIRED, OR CONCENTRATIONS ARE UNKNOWN USE  
B1 NIOSH/MSHA APPROVED AIR PURIFYING RESPIRATOR  
B1 EQUIPPED WITH ORGANIC VAPOR CARTRIDGES OR  
B1 CANISTERS. FOR EMERGENCY AND OTHER CONDITIONS  
B1 WHERE EXPOSURE LIMIT MAY BE GREATLY EXCEEDED,  
B1 USE AN APPROVED POSITIVE PRESSURE SELF CONTAINED  
B1 BREATHING APPARATUS OR POSITIVE PRESSURE AIRLINE  
B1 WITH AUXILIARY SELF CONTAINED AIR SUPPLY.

B1 SKIN PROTECTION: FOR BRIEF CONTACT, NO PRECAUTIONS OTHER  
B1 THAN CLEAN BODY-COVERING SHOULD BE NEEDED. USE  
B1 IMPERVIOUS GLOVES SUCH AS NEOPRENE.

B1 EYE PROTECTION: USE CHEMICAL GOGGLES IN COMPLIANCE WITH  
B1 OSHA REGULATIONS.

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B1 SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

B1 BOILING POINT: 370.0 - 550.0 F @ 760 mmHg

B1 MELTING POINT: NO DATA

B1 VAPOR PRESSURE: <1.00 mmHg @ 77.0 F

B1 SOLUBILITY IN WATER: LESS THAN 0.01

B1 SPECIFIC GRAVITY: 0804 - .815 @ 60.0 F

B1 pH: NO DATA

B1 ODOR: SOLVENT

B1 APPEARANCE: CLEAR LIQUID

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B1 SECTION 10 - STABILITY AND REACTIVITY

B1 CHEMICAL STABILITY: STABLE

B1 INCOMPATIBILITY: AVOID CONTACT WITH: CHLORINE,

B1 HYPOCHLORITE, AND STRONG OXIDIZING  
B1 AGENTS.  
B1 HAZARDOUS DECOMPOSITION PRODUCTS: NO DATA  
B1 HAZARDOUS POLYMERIZATION: WILL NOT OCCUR  
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B1 SECTION 11 - TOXICOLOGICAL INFORMATION  
B1 NO DATA  
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B1 SECTION 12- - ECOLOGICAL INFORMATION  
B1 NO DATA  
B1=====

B1 SECTION 13 - DISPOSAL CONSIDERATONS  
B1 WASTE MANAGEMENT INFORMATION: DISPOSE OF IN ACCORDANCE  
B1 WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL  
B1 REGULATIONS.  
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B1 SECTION 14 -TRANSPORT INFORMATION  
B1 DOT INFORMATION - 49 CFR 172.101  
B1 DOT DESCRIPTION: (FOR GROUND NON BULK SHIPMENTS)  
B1 NOT REGULATED  
B1 CONTAINER/MODE: NON BULK  
B1 NOS COMPONENT: NA  
B1 RQ (REPORTABLE QUANTITY) - 49 CFR 172.101  
B1 NOT APPLICABLE  
B1=====

B1 SECTION 15 - REGULATORY INFORMATION  
B1 US FEDERAL REGULATIONS:  
B1 TSCA (TOXIC SUBSTANCES CONTROL ACT) STATUS  
B1 TSCA (UNITED STATES) THE INTENTIONAL INGREDIENTS OF  
B1 THIS PRODUCT ARE LISTED.  
B1 CERCLA RQ - 40 CFR 302.4  
B1 NONE LISTED  
B1 SARA 302 COMPONENTS - 40 CFR 355 APPENDIX A  
B1 NONE  
B1 SECTION 311/312 HAZARD CLASS - 40 CFR 370.2  
B1 IMMEDIATE(X) DELAYED(X) FIRE(X) REACTIVE( ) SUDDEN( )  
B1 RELEASE OF PRESSURE  
B1 SARA 313 COMPONENTS - 40 CFR 372.65  
B1 NONE  
B1 STATE AND LOCAL REGULATIONS  
B1 CALIFORNIA PROPOSITION 65  
B1 NONE  
B1=====

B1 SECTION 16 - OTHER INFORMATION  
B1 THE INFORMATION HEREIN IS GIVEN IN GOOD FAITH, BUT NO  
B1 WARRANTY, EXPRESS OR IMPLIED, IS MADE