

MATERIAL SAFETY DATA SHEET

THOMAS & BETTS, 8155 T&B BOULEVARD, MEMPHIS, TN 38125

T&B CATALOG NUMBER: DX-1, DX-5, DX-5S, C600

PAGE: 1 OF 5

REVISION: 1

PRODUCT DESCRIPTION: THUMB GRADE SEALER

DATE PREPARED: JANUARY 8, 2003

DOCUMENT NUMBER: **MSDS-0030**

SECTION 1 PRODUCT IDENTIFICATION & EMERGENCY INFORMATION

PRODUCT NAME: DUCT SEAL
GENERAL USE: SEALS AROUND JUNCTION BOXES, FLASHING, SERVICE CABLES AND MAST ENTRIES, ETC.
PRODUCT DESCRIPTION: THUMB GRADE SEALER
GENERIC INGREDIENTS: BUTYL RUBBER COMPOSITE.
NOTE: T&B CATALOG NUMBER C600 IS A ACCESSORY PACK WHERE ONE OF IT'S COMPONENT IS THE SEALANT COMPOUND.

24hr EMERGENCY TELEPHONE NUMBERS: CHEMTREC: (703) 527-3887 / 800-424-9300
FOR PRODUCT INFORMATION: THOMAS & BETTS: 901-252-5000 (x8324)

SECTION 2 HAZARDOUS INGREDIENT

<u>HAZARDOUS COMPONENTS</u>	<u>CAS#</u>	<u>% BY WT</u>	<u>TWA</u>	<u>STEL</u>	<u>CEILING</u>	<u>LD₅₀ of INGREDIENT *</u>
CALCIUM CARBONATE	1317-65-3	50 - 60	10 mg/m ³	N/A	N/A	6450 mg/kg ORAL RAT
ALUMINUM SILICATE	14807-96-6	15 - 35	2 mg/m ³	2 mg/m ³	N/A	TC-10:INHL RAT #
*CRYSTALLINE QUARTZ SILICA	14808-60-7	< 1	0.1 mg/m ³	0.1 mg/m ³	50 µg/m ³	N/A
BUTENE POLYMER	9003-29-6	10 - 20	N/A	N/A	N/A	N/A
SYNTHETIC POLYMER	25038-36-2	0.1 - 1	N/A	N/A	N/A	N/A
MAGNESIUM ALUMINUM SILICATE	12174-11-7	3 - 13	N/A	N/A	N/A	N/A
CELLULOSE FIBER	9004-34-6	1 - 10	N/A	N/A	N/A	N/A
TALL OIL ROSIN	61790-12-3	1 - 7	N/A	N/A	N/A	N/A
NAPHTHENIC WAX	64742-53-6	1 - 8	N/A	N/A	N/A	N/A

* LD₅₀ of INGREDIENT = LC-LO INHL HMN 300 µg/m³/10YL (CARCINOGENIC TO HUMANS).
SPECIES & ROUTE = 11 mg/m³ 1 YEAR.

SECTION 3 HEALTH INFORMATION & PROTECTION

CARCINOGENICITY
NTP: NO
IARC MONOGRAPHS: NO
OSHA REGULATED: NO

ROUTE(S) OF ENTRY
INHALATION: NO
SKIN: YES
INGESTION: NO

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HEALTH HAZARDS

ACUTE: NONE
CHRONIC: NONE

SIGNS AND SYMPTOMS OF OVEREXPOSURE

EYES: N/A

SKIN: N/A

INGESTION: NOT LIKELY, BUT INGESTED, COULD CONSTIPATE OR CREATE A BLOCKAGE. SEEK MEDICAL ATTENTION.

INHALATION: N/A

POTENTIAL HEALTH EFFECTS

EYE CONTACT: N/A

SKIN CONTACT: N/A

INHALATION: N/A

INGESTION: N/A

IRRITANCY OF MATERIAL

NONE

FIRST AID MEASURES

EYE CONTACT: DO NOT REMOVE. SEEK MEDICAL ATTENTION IMMEDIATELY.

SKIN CONTACT: WASH THOROUGHLY WITH SOAP AND WATER. IF REDNESS OR IRRITATION PERSISTS, SEEK MEDICAL ATTENTION.

INHALATION: N/A

INGESTION: NOT LIKELY, BUT INGESTED, COULD CONSTIPATE OR CREATE A BLOCKAGE. SEEK MEDICAL ATTENTION.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

NONE

WORKPLACE EXPOSURE CONTROLS:

NONE

ENGINEERING / VENTILATION CONTROLS:

NONE

PERSONAL PROTECTION

RESPIRATORY PROTECTION: NONE NEEDED

VENTILATION: N/A

HAND PROTECTION: COTTON OR OTHER PROTECTIVE GLOVES.

SKIN PROTECTION: LONG SLEEVES, LONG TROUSERS TO PROTECT SKIN FROM CONTACT.

EYE PROTECTION: SAFETY GLASSES OR GOGGLES RECOMMENDED. GOOD INDUSTRIAL PRACTICE SHALL BE OBSERVED.

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SECTION 4 FIRE & EXPLOSION HAZARDS

AUTO-IGNITION TEMPERATURE: N/A

EXPLOSION DATA: N/A

EXPLOSIVE PROPERTY: LEL: N/E UEL: N/E

EXTINGUISHING MEDIA: USE WATER, FOAM, CARBON DIOXIDE OR DRY CHEMICAL.

FIRE FIGHTING: NONE KNOWN, HOWEVER, FIREFIGHTERS SHOULD WEAR A SELF-CONTAINED BREATHING APPARATUS. NITROGEN OXIDES AND CARBON MONOXIDES MAY BE EVOLVED.

FLAMMABILITY: N/A
CONDITION: N/A

FLASH POINT: 590° F COC

HAZARDOUS COMBUSTION PRODUCTS: TOXIC GASES OR VAPORS, SUCH AS CARBON MONOXIDE AND CARBON DIOXIDE.

SECTION 5 SPILL CONTROL MEASURES

SPILL RESPONSE: N/A

DISPOSAL: TREAT OR DISPOSE OF IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS.

SECTION 6 HANDLING & STORAGE

GENERAL: WASH HANDS WITH SOAP AND WATER BEFORE EATING.

STORAGE: STORE IN A COOL, DRY PLACE.

SECTION 7 TYPICAL PHYSICAL & CHEMICAL PROPERTIES

APPEARANCE:	RUBBERY MASTIC	PERCENT, VOLATILE BY VOLUME (%):	N/A
BOILING POINT, °F (°C):	N/A	PH:	N/A
COLOR:	DARK GRAY	PHYSICAL STATE:	SOLID
DENSITY (kg/cm³):	N/A	SOLUBILITY IN ORGANIC SOLVENT:	N/A
EVAPORATION RATE			
N-BUTYL ACETATE = 1:	N/A	SOLUBILITY IN WATER (20° C):	NEGLIGIBLE
FREEZING POINT:	N/A	SPECIFIC GRAVITY (H ₂ O=1):	1.65
MELTING POINT:	N/A	VAPOR DENSITY (Air = 1):	N/A
ODOR:	NONE	VAPOR PRESSURE, (mm Hg, 20° C):	N/A
ODOR THRESHOLD (ppm):	N/A	VISCOSITY:	N/A
OXIDIZING PROPERTIES:	N/A	VOC CONTENT (lbs/gal):	2% BY WEIGHT
PERCENT SOLIDS BY WEIGHT:	N/A	WEIGHT PER GALLON (LBS/U.S. GAL):	N/A

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SECTION 8 REACTIVITY DATA

CHEMICAL STABILITY: STABLE

CONDITIONS TO AVOID: NONE

INCOMPATIBLE MATERIALS: STRONG OXIDIZING AGENTS, ACIDS OR BASES.

HAZARDOUS
DECOMPOSITION PRODUCTS: TOXIC GASES OR VAPORS, SUCH AS CARBON MONOXIDE AND CARBON DIOXIDE.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

SECTION 9 REGULATORY INFORMATION

DEPARTMENT OF TRANSPORTATION (DOT)

PROPER SHIPPING NAME: NOT REGULATED

HAZARD CLASS: NONE

UN#: NONE

PG: NONE

ERG#: NONE

HAZ LABELS: NONE

I.A.T.A. CLASSIFICATION

PROPER SHIPPING NAME: NOT REGULATED

HAZARD CLASS: NONE

UN#: NONE

PG: NONE

ERG#: NONE

HAZ LABELS: NONE

US FEDERAL REGULATIONS

TSCA: THE CHEMICAL SUBSTANCES IN THIS PRODUCT ARE LISTED ON THE TSCA SECTION 8 INVENTORY.

CERCLA: N/A

RCRA HAZARD CLASS: NON-HAZARDOUS

SARA TITLE III INFORMATION

SECTION 302: N/A

SECTION 311/312: N/A

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:

HAZARDOUS COMPONENTS

CAS #

% BY WT

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CRYSTALLINE QUARTZ SILICA

14808-60-7

< 1.0

STATE REGULATIONS / RIGHT-TO-KNOW

CALIFORNIA PROPOSITION 65 INFORMATION:

THIS PRODUCT CONTAINS THE FOLLOWING CHEMICAL(S) KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER, BIRTH DEFECTS, OR REPRODUCTIVE TOXICITY: CRYSTALLINE QUARTZ SILICA

INTERNATIONAL

WHMIS (CANADA):

THE CHEMICAL(S) LISTED ARE CONSIDERED CONTROLLED PRODUCT: NO CANADIAN LABEL CLASSIFICATION REQUIRED ON CONTAINER: NONE

SECTION 10 NOTES

TOXICOLOGICAL INFO:

THIS SECTION PROVIDES TOXICOLOGICAL INFORMATION WITH REGARDS TO THE PURE FORM OF THE COMPOUND INDICATED. IT IS SUGGESTED THAT THE PERSON TRAINED IN IT'S EVALUATION INTERPRET THIS INFORMATION.

ECOLOGICAL INFORMATION:

NO DATA AVAILABLE

HAZARD RATING SYSTEMS:

HEALTH
FLAMMABILITY
REACTIVITY

HMIS

NFPA

KEY

4 = SEVERE

3 = SERIOUS

2 = MODERATE

1 = SLIGHT

0 = MINIMAL

REVISION SUMMARY: 1

SUPERSEDES ISSUE DATE: MARCH 12, 2001

ABBREVIATIONS: N/E = NOT ESTABLISHED
N/A = NOT AVAILABLE

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