

MATERIAL SAFETY DATA SHEET

BTR VALVE SEALANTS, INC.
430 NORTH LEXINGTON AVE.
PITTSBURGH, PA 15208
(412) 247-3235

MSDS #024

SECTION I. PRODUCT IDENTIFICATION

TRADE NAME: BTR 555WG SEALANT (STICK GRADE)
SYNONYMS: BTR STICK SEALANT NO. 555WG, SIZES A THROUGH K
CAS NO.: MIXTURE - NO SINGLE CAS NUMBER APPLICABLE

SECTION II. MATERIAL ANALYSIS

COMPONENT	CAS NUMBER	% BY WT.	TLV
VEGETABLE OIL	106-17-2	65-75	
ORGANOPHILIC CLAY	68953-58-2	15-20	15 MG/CU. M. *
POLYAMIDE RESIN	37219-83-3	10-15	
EPOXY RESIN	25068-38-6	2-4	
POLYTETRAFLUOROETHYLENE	9002-84-0	<1	
ANTI-OXIDANT	26780-96-1	<1	

* OSHA STANDARD NUISANCE DUST - THIS COMPONENT CONTAINS <4% TOTAL CRYSTALLINE SILICA. THIS COMPONENT IS ENCAPSULATED IN FORMULATION. NO INJURY FROM AIRBORNE DUSTS SHOULD RESULT UNDER NORMAL USAGE CONDITIONS.

CAS NUMBER - CAS REGISTRY NUMBERS CORRESPOND TO A SPECIFIC SUBSTANCE NAME WHICH MAY BE FOUND IN THE CHEMICAL SUBSTANCE INDEX OF CHEMICAL ABSTRACTS, PUBLISHED BY THE AMERICAN CHEMICAL SOCIETY.

SECTION III. PHYSICAL DATA

VAPOR PRESSURE: NIL
EVAPORATION RATE (ETHER=1): NIL
SOLUBILITY IN WATER: NEGLIGIBLE
BOILING POINT (@14.7 PSI): N.A.
SPECIFIC GRAVITY: 1.02 @ 75 DEG. F.
VAPOR DENSITY (AIR=1): >1
% VOLATILES BY VOL.: NIL
APPEARANCE AND ODOR: BROWN GREASE IN STICK FORM. VEGETABLE OIL ODOR.

SECTION IV. FIRE AND EXPLOSION DATA

FLASH POINT: 520 F. (COC)
FLAMMABLE LIMITS, UPPER: N.A.
LOWER: N.A.

EXTINGUISHING MEDIA: DRY CHEMICAL POWDER, CARBON DIOXIDE, CHEMICAL FOAM.

SPECIAL FIRE FIGHTING PROCEDURES: WEAR SELF-CONTAINED BREATHING APPARATUS WHEN FIGHTING FIRE IN CONFINED AREAS.
UNUSUAL FIRE AND EXPLOSION HAZARDS: NONE KNOWN.

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SECTION V. EMERGENCY AND FIRST AID PROCEDURES

EYES: FLUSH EYES FOR 15 MINUTES WITH CLEAR WATER. CONTACT PHYSICIAN.

SKIN: WASH THOROUGHLY WITH SOAP AND WATER.

INHALATION: VAPOR PRESSURE IS VERY LOW. VAPOR INHALATION IS NOT CONSIDERED A PROBLEM UNDER NORMAL USAGE CONDITIONS.

INGESTION: CONSULT PHYSICIAN.

SECTION VI. HEALTH EFFECTS

INHALATION: NONE EXPECTED.

INGESTION: MAY CAUSE GASTROINTESTINAL IRRITATION.

SKIN: PROLONGED OR REPEATED SKIN CONTACT MAY CAUSE IRRITATION.

EYES: PRODUCT CONTACTING THE EYES MAY CAUSE TEMPORARY DISCOMFORT.

SECTION VII. REACTIVITY DATA

CONDITIONS CONTRIBUTING TO INSTABILITY: PRODUCT IS STABLE.

INCOMPATIBILITY: AVOID CONTACT WITH STRONG OXIDANTS.

HAZARDOUS DECOMPOSITION PRODUCTS: INCOMPLETE COMBUSTION MAY PRODUCE CARBON MONOXIDE, CARBON DIOXIDE AND ASPHYXIANTS.

CONDITIONS CONTRIBUTING TO HAZARDOUS POLYMERIZATION: NONE.

SECTION VIII. SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: RECOVER FREE MATERIAL. ADD SUITABLE ABSORBANT TO SPILL AREA. CLEAN SPILL AREA WITH DETERGENT SOLUTION.

WASTE DISPOSAL METHOD: INCINERATE IN A FURNACE OR OTHERWISE DISPOSE OF IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL REQUIREMENTS AND REGULATIONS.

SECTION IX. VENTILATION AND PERSONAL PROTECTIVE EQUIPMENT

VENTILATION REQUIREMENTS: ADEQUATE VENTILATION IN ACCORDANCE WITH GOOD ENGINEERING PRACTICE IS SUFFICIENT.

RESPIRATORY: RESPIRATORY PROTECTION NOT NEEDED UNDER NORMAL USAGE CONDITIONS.

EYES: SAFETY GLASSES ADVISED AS STANDARD SAFETY PRECAUTION.

GLOVES: USE RESISTANT GLOVES AS NEEDED TO MINIMIZE SKIN CONTACT.

OTHER CLOTHING AND EQUIPMENT: NONE NORMALLY NEEDED.

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SECTION X. SPECIAL PRECAUTIONS INCLUDING STORAGE

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PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: STORE IN SEALED CONTAINERS TO AVOID CONTAMINATION WITH FOREIGN PARTICLES.

OTHER PRECAUTIONS:

SECTION XI. SHIPPING AND REGULATORY COMPLIANCE INFORMATION

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APPLICABLE D.O.T. CLASSIFICATION: NOT REGULATED

D.O.T. PROPER SHIPPING NAME: N.A.

D.O.T. IDENTIFICATION NUMBER: N.A.

D.O.T. HAZARD CLASS: N.A.

OSHA HAZARD COMMUNICATION STANDARD: THIS PRODUCT HAS BEEN EVALUATED AND DOES NOT REQUIRE ANY WARNING LABEL UNDER THE OSHA HAZARD COMMUNICATION STANDARD [29 CFR 1910.1200(d)].

NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) RATING:

HEALTH - 1

FLAMMABILITY - 1

REACTIVITY - 0

CARCINOGENIC INGREDIENTS - OSHA/NTP/IARC:

ORGANOPHILIC CLAY (CONTAINING 0-4% TOTAL CRYSTALLINE SILICA)

THE INTERNATIONAL AGENCY FOR RESEARCH ON CANCER HAS CONCLUDED THAT THERE IS SUFFICIENT EVIDENCE FOR THE CARCINOGENICITY OF CRYSTALLINE SILICA TO EXPERIMENTAL ANIMALS AND LIMITED EVIDENCE FOR THE CARCINOGENICITY TO HUMANS. THE ORGANOPHILIC CLAY IN THIS FORMULATION IS ENCAPSULATED AND CANNOT BECOME AIRBORNE UNDER NORMAL USAGE CONDITIONS.

N.A. = NOT APPLICABLE

N.D. = NOT DETERMINED

THE INFORMATION PRESENTED HAS BEEN COMPILED FROM SOURCES CONSIDERED TO BE DEPENDABLE AND IS ACCURATE TO THE BEST OF THE SELLER'S KNOWLEDGE. ALL DATA IS OFFERED IN GOOD FAITH AS TYPICAL VALUES AND NOT AS A PRODUCT SPECIFICATION. NO WARRANTY, EITHER EXPRESS OR IMPLIED, IS HEREBY MADE. THE RECOMMENDED INDUSTRIAL HYGIENE AND SAFE HANDLING PROCEDURES ARE BELIEVED TO BE GENERALLY APPLICABLE. HOWEVER, EACH USER SHOULD REVIEW THESE RECOMMENDATIONS IN THE SPECIFIC CONTEXT OF THE INTENDED USE AND DETERMINE WHETHER THEY ARE APPROPRIATE. IT IS THE USER'S OBLIGATION TO EVALUATE AND USE THIS PRODUCT SAFELY AND TO COMPLY WITH ALL APPLICABLE LAWS AND REGULATIONS.

DATE PREPARED: 08-90

SUPERSEDES: 04-89