

Health	1
Flammability	1
Reactivity	0
Personal Protection	*

# BOWMAN DISTRIBUTION MATERIAL SAFETY DATA SHEET

Health	1
Flammability	1
Reactivity	0
Specific Hazard	

HMIS Ratings  
\*See Section VIII.

## SECTION I

NFPA Ratings  
NFPA 30B Rating: 1

PRODUCT NAME <b>RTV BLUE SILICONE "EASY" GASKET MAKER</b>		BOWMAN PART NO. <b>21403</b> (page 1 of 2)
SUPPLIER <b>Bowman Distribution, Barnes Group Inc.</b>	INFORMATION TELEPHONE NO. <b>(216) 391-7200</b>	24 HR. EMERGENCY TELEPHONE NO. <b>(303) 623-5716</b>
ADDRESS <b>850 East 72nd Street, Cleveland, OH 44103</b>		DATE <b>5/21/96</b>
HAZARDOUS MATERIAL DESCRIPTION, PROPER SHIPPING NAME, HAZARD CLASS, HAZARD ID NO. (49 CFR 172.101) <b>Consumer Commodity, ORM-D, UN 1956</b>		
ADDITIONAL HAZARD CLASSES (as applicable) <b>None</b>		
CHEMICAL FAMILY <b>Mixture</b>	FORMULA <b>BP 201</b>	

## SECTION II - HAZARDOUS INGREDIENTS

CAS REGISTRY NUMBER	%W	%V	CHEMICAL NAME(S)	OSHA PEL	ACGIH TLV	Other Limits	Listed as Carcinogen NTP, IARC or OSHA 1910(z) (specify)
4253-34-3	1-10		Methyltriacetoxysilane	†See Below	†See Below	N.E.	NO
17689-77-9	1-10		Ethyltriacetoxysilane	†See Below	†See Below	N.E.	NO
7631-86-9	1-10		Silica	20mppcf	10mg/m <sup>3</sup>	N.E.	NO
70131-67-8	80-90		Polymer	N.E.	N.E.	N.E.	NO

\*ALL CHEMICAL COMPOUNDS MARKED WITH AN ASTERISK (\*) ARE TOXIC CHEMICALS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF TITLE III OF THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT (SARA) OF 1986 AND 40 CFR PART 372.

†Observe limits for acetic acid formed during curing upon exposure to water or humid air. OSHA PEL - TWA 10ppm, ACGIH TLV - TWA 10ppm, and STEL - 15 ppm. Outer compartment contains a flammable hydrocarbon propellant (Propane/Isobutane/n-Butane blend).

## SECTION III - PHYSICAL DATA

BOILING POINT N.A. °F _____ °C	SPECIFIC GRAVITY (H <sub>2</sub> O = 1) 1.04	MAXIMUM PERCENT VOC BY WEIGHT (%) %4.75 Method used Calculated
VAPOR PRESSURE @ 70 °F _____ °C <input type="checkbox"/> mm Hg <input checked="" type="checkbox"/> 66 psi	PERCENT VOLATILE BY VOLUME (%) N.A.	
VAPOR DENSITY (AIR = 1) Heavier than Air	>1	EVAPORATION RATE (Butyl Acetate = 1) <1
SOLUBILITY IN WATER Nil.	PH =	N.A.
PERCENT SOLID BY WEIGHT (%) N.E.		
APPEARANCE AND ODOR Blue paste/slight medicinal	MATERIAL IS: PASTE	

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT 212 °F _____ °C	method used TCC	FLAMMABLE LIMITS	LEL N.D.	UEL N.D.
EXTINGUISHING MEDIA Use water fog, dry chemical, or carbon dioxide.				
SPECIAL FIRE FIGHTING PROCEDURES Keep containers cool. Use equipment or shielding required to protect against bursting or venting containers.				
UNUSUAL FIRE AND EXPLOSION HAZARDS Heated cans may burst. SiO <sub>2</sub> , CO <sub>2</sub> .				
LABEL FLAMMABILITY WARNING: N.A.				



## SECTION V - HEALTH HAZARD DATA

HEALTH HAZARDS (ACUTE AND CHRONIC - INCLUDE TARGET ORGAN EFFECTS) No injury from silica dust should occur during reasonable use. If use creates respirable particles, some respiratory systems injury may occur. This product, as with any chemical, may enhance allergic conditions in certain people. No known chronic health effects, but unnecessary exposure to any chemical should be avoided. Cured sealant is nonhazardous.	
CONDITIONS TO AVOID See Above.	
SIGNS AND SYMPTOMS OF OVEREXPOSURE Swallowing large amounts may cause digestive discomfort. Vapor overexposure may irritate nose, throat, and eyes seriously with moderate corneal injury and considerable redness lasting a week or more.	
PRIMARY ROUTES OF ENTRY   Inhalation <input checked="" type="checkbox"/> Skin Contact <input checked="" type="checkbox"/> Other (specify) Ingestion	
EMERGENCY AND FIRST AID PROCEDURES Flush eyes and skin with water for 15 minutes. Remove to fresh air.	
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE None Known.	

## SECTION VI - REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	<input checked="" type="checkbox"/>	High Temperatures.
INCOMPATIBILITY (materials to avoid) strong oxidizers, water causes curing.			
HAZARDOUS DECOMPOSITION PRODUCTS: Acetic acid fumes, SiO <sub>2</sub> , and CO <sub>2</sub> .			
HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	<input checked="" type="checkbox"/>	None

## SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED Remove product and contain for salvage disposal.	
WASTE DISPOSAL METHOD Dispose in accordance with local, state, and federal regulations.	
CERCLA (Superfund) REPORTABLE QUANTITY (in lbs.) N.E.	
RCRA HAZARDOUS WASTE NO. (40 CFR 261.33) Nonhazardous in the cured state.	
VOLATILE ORGANIC COMPOUND (VOC) as packaged, minus water	<input checked="" type="checkbox"/> Theoretical <u>0.4</u> lb/gal <input type="checkbox"/> Analytical _____ lb/gal
4.75% by wt.	

## SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (specify type) Use NIOSH approved respirator if TLV limit is exceeded.		
VENTILATION	LOCAL EXHAUST (specify rate) Yes	SPECIAL None
	MECHANICAL (general) (specify rate) None	OTHER None
PROTECTIVE GLOVES (specify type) None required, if spraying.		EYE PROTECTION (specify type) Wear eye protection.
OTHER PROTECTIVE EQUIPMENT Long sleeves, long pants.		WORK/HYGIENIC PRACTICES Do not smoke while using. Wash hands after using.

## SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING Keep away from heat, sparks, or open flames. Store at temperatures below 120° F.	
OTHER PRECAUTIONS When spraying more than one half can continuously or more than one can consecutively, use NIOSH approved respirator.	
LABEL FLAMMABILITY WARNING: N.A.	

N.A. - Not Applicable  
N.E. - Not Established  
N.D. - Not Determined

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