



Duct Seal

MATERIAL SAFETY DATA SHEET

GENERAL INFORMATION

PRODUCT NAME OR NUMBER (as it appears on label) Duct Seal	CATALOG NUMBER 31-601, 31-605
MANUFACTURER'S NAME IDEAL INDUSTRIES, INC.	EMERGENCY TELEPHONE NO. (815) 895-5181
ADDRESS (Number, Street, City, State, Zip Code) Becker Place, Sycamore, IL 60178	
HAZARDOUS MATERIAL DESCRIPTION, PROPER SHIPPING NAME, HAZARD CLASS, HAZARD CLASS, HAZARD ID NO. (49 CFR 172.101) None	
CHEMICAL DESCRIPTION Butyl Rubber Composite	FORMULA Proprietary

SECTION I - INGREDIENTS

CAS REGISTRY NO.	%W	CHEMICAL NAME(S)*	Listed as a carcinogen in NTP, IARC or OSHA 1910(z) (specify)
1317-65-3	43.8	Calcium Carbonate	No
14807-96-6	30.7	Hydrous Magnesium Silicates	No
14808-60-7	3.4	Crystalline Quartz Silica	No

SECTION II - PHYSICAL DATA

BOILING POINT None °F °C	SPECIFIC GRAVITY (20/20) 1.65	PERCENT VOLATILE BY VOLUME (%) 2
SOLUBILITY IN WATER None	pH = N/A	PERCENT SOLID BY WEIGHT (%) ~100
APPEARANCE AND ODOR Dark Gray Putty, Mild Rubber Odor		IS MATERIAL: LIQUID SOLID GEL GAS PASTE POWDER

SECTION III - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT 590°C method used C O C	FLAMMABLE LIMITS	LEL NE	UEL NE
EXTINGUISHING MEDIA Use water, foam, carbon dioxide or dry chemical			
SPECIAL FIRE FIGHTING PROCEDURES None known. Firefighters should wear a self-contained breathing apparatus. Oxides of nitrogen and carbon may evolve.			
UNUSUAL FIRE AND EXPLOSION HAZARDS None known			

* None of the chemical raw materials contained in this formulation are considered hazardous under the Federal Hazardous Communication Standard 29 C. F. R. 1910.1200

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SECTION IV - HEALTH HAZARD INFORMATION

EFFECTS OF OVEREXPOSURE - Conditions to Avoid	N/A
THRESHOLD LIMIT VALUE	10 mg/m ³ Calcium Carbonate, 2 mg/m ³ Hydrus Magnesium Silicates, 10 mg/m ³ Crystalline quartz Silica - All TWA
PRIMARY ROUTES OF ENTRY Inhalation <input type="checkbox"/> Skin Contact <input checked="" type="checkbox"/> Other (specify)	
EMERGENCY FIRST AID PROCEDURES	
SKIN CONTACT:	If too sensitive, seek medical attention.
EYE CONTACT:	Do not remove, seek medical attention.
INGESTION:	Not likely. If ingested, constipation or blockage may occur. Seek medical attention.

SECTION V - REACTIVITY DATA

STABILITY	UNSTABLE	CONDITIONS TO AVOID	N/A
	STABLE	X	
INCOMPATIBILITY (materials to avoid)	Strong oxidizers, acids, bases.		
HAZARDOUS DECOMPOSITION PRODUCTS:	Oxides of nitrogen and carbon may evolve.		
HAZARDOUS POLYMERIZATION	MAY OCCUR	CONDITIONS TO AVOID	N/A
	WILL NOT OCCUR	X	

SECTION VI - SPILL AND LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED	N/A
WASTE DISPOSAL METHOD	Comply with Federal, state and local regulations for solid landfill.
CERCLA (Superfund) REPORTABLE QUANTITY (in lbs)	N/A
RCRA HAZARDOUS WASTE NO. (40CFR 261.33)	N/A
VOLATILE ORGANIC COMPOUND (VOC) (as packaged, minus water)	17 grams/liter
Theoretical _____ lb/gal	N/A
Analytical _____ lb/gal	

SECTION VII - PERSONAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (specify type)	N/A	
VENTILATION	LOCAL EXHAUST (Specify Rate)	N/A
	MECHANICAL (General) (Specify Rate)	N/A
SPECIAL	N/A	
	OTHER	N/A
PROTECTIVE GLOVES (specify type)	Cotton if needed	
EYE PROTECTION (specify type)	Safety glasses or goggles	
OTHER PROTECTIVE EQUIPMENT	For sensitive individuals, protect skin from contact.	

SECTION VIII - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING	Store in a cool, dry place.
OTHER PRECAUTIONS	Wash hands with soap and water before eating.

SECTION IX - ADDITIONAL INFORMATION

SARA Section 131 supplier notification: 14808-60-7 Crystalline Quartz Silica - 3.4%

N/A = Not Applicable, N.E. = None Established

THIS MATERIAL SAFETY DATA SHEET PREPARED BY:

NAME	James R. MacMurdo	SIGNATURE <i>James R. MacMurdo</i>
TITLE	Quality Assurance Manager	
DATE	8/29/00	

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