

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)*	ACHIH TLV	Listed as a carcinogen in NTP, IARC or OSHA 1910(r) (specify)
1317-65-3	<50	Calcium Carbonate	30-60	No
12174-11-7	<10	Magnesium Aluminum Silicate	3-13	No
14808-60-7	<1	Crystalline Quartz Silica	n/a	No
9003-29-6	<10	Butene Polymer	10-20	No
25038-36-2	<10	Synthetic Polymer	0.1-1.0	No
133-86-4	<.001	Carbon Black	.005-.009	No
2083-79-3	<.001	Antioxidant	.001-.006	No
9004-34-6	<1	Cellulose Fiber	1-10	No
14807-96-6	<10	Aluminum Silicate	15-35	No
61790-12-3	<1	Tall Oil Rosin	1-7	No
64742-53-6	<1	Naphthenic Wax	1-8	No

SECTION II - PHYSICAL DATA

BOILING POINT None °F °C	SPECIFIC GRAVITY (H ₂ O=1) 1.65	PERCENT VOLATILE BY VOLUME (%) 2
SOLUBILITY IN WATER None	pH = N/A	PERCENT SOLID BY WEIGHT (%) ~98
APPEARANCE AND ODOR Dark Gray Putty Mild Rubber Odor	IS MATERIAL: LIQUID SOLID GEL GAS PASTE	

SECTION III - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT 590°C method used C.O.C	FLAMMABLE LIMITS LEL N/E	UEL N/E
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 Hazards Communication Standard 29 C. F. R 1910.1200

SECTION IV - HEALTH HAZARD INFORMATION

EFFECTS OF OVEREXPOSURE - Conditions to Avoid	N/A
THRESHOLD LIMIT VALUE	See above
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
^a Theoretical _____ lb/gal	N/A
^b Analytical _____ lb/gal	

SECTION VII - PERSONAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (specify type)	N/A			
VENTILATION	LOCAL EXHAUST (Specify Rate)	N/A	SPECIAL	N/A
	MECHANICAL (General) (Specify Rate)	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

This product contains the following materials that are subject to the reporting requirements of Section 313 of EPCRA: 14808-60-7 Crystalline Quartz Silica - .5%

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

THIS MATERIAL SAFETY DATA SHEET PREPARED BY:

NAME	James R. MacMurdo	SIGNATURE 
TITLE	Director, Corporate Quality Assurance	
DATE	03/10/2006	