



MATERIAL SAFETY DATA SHEET

BONDAFLEX SIL A 700 SILICONIZED ACRYLIC SEALANT, COLORS

SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: BONDAFLEX Sil A 700 Siliconized Acrylic Sealant, Colors
PRODUCT CODE: Sil A 700 Colors
ADDRESS: May National Associates, Inc.
995 Towbin Avenue
Lakewood, New Jersey 08701
PHONE: (800) 691-0234
FAX: (973) 473-4222
EMERGENCY PHONE: (CHEMTREC) (800) 424-9300
International (CHEMTREC) (703) 527-3887
REVISION DATE: 3/11/08 SUPERSEDES: 7/12/05

SECTION 2 – COMPOSITION/INFORMATION ON HAZARDOUS INGREDIENTS

This product consists of a mixture/preparation.

CAS No.	Ingredient	Wt %
64742-48-9	Mineral Spirits	1 - 5
107-21-1	Ethylene Glycol	0.1 - 1

*The above components are hazardous as defined in 29 CFR 1910.1200

SECTION 3 – HAZARDS IDENTIFICATION

MAIN SYMPTOMS:

EYE: May cause eye irritation.

SKIN: Harmful if absorbed through skin. May cause sensitization by skin contact. May cause skin irritation and/or dermatitis.

INHALATION: Harmful if inhaled. May cause irritation of respiratory tract. Prolonged, repeated or high exposures may cause weakness and depression for the central nervous system. Inhalation of vapors may cause irritation of the nose, throat, lungs and respiratory tract.

ORAL: Harmful if swallowed.

NFPA HAZARD CODES: Health: 1 Flammability: 1 Reactivity: 0 Personal Protection: B

COMMENTS Prolonged and repeated skin contact may cause irritation and possibly dermatitis. Repeated or prolonged exposure may cause respiratory damage. Overexposure may cause kidney, cardiovascular, skin and liver damage.

Ethylene glycol may cause kidney and liver damage upon prolonged and repeated overexposures. Studies have shown that repeated inhalation of ethylene glycol has produced adverse cardiovascular changes in laboratory animals. Ethylene glycol has shown to cause birth defects in laboratory animals.

SECTION 4 – FIRST-AID PROCEDURES

INHALATION: Remove to fresh air. If ill effects persist get medical attention.

SKIN CONTACT: Remove from skin and wash thoroughly with soap and water or waterless cleanser. Get medical attention if irritation or other ill effects develop or persist.

EYE CONTACT: Immediately flush with water for 15 minutes. Get medical attention.

INGESTION: Get medical attention. Do not induce vomiting.

COMMENTS: Treat according to person's condition and specifics of exposure.



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SECTION 5 – FIRE-FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA:	Compatible with all usual extinguishing media
FIRE FIGHTING PROCEDURES:	Wear full protective clothing, positive pressure or pressure demand breathing apparatus and protective covering for exposed areas of the head. If large amount is involved, evacuate area.
FLASH POINT (SETAFLASH):	Greater than >212°F (100°C).
HAZARDOUS DECOMPOSITION PRODUCTS:	Thermal breakdown of this product during fire or very high heat conditions may evolve the following hazardous decomposition product: Carbon oxides and traces of incompletely burned carbon compounds.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS:	Observe all personal protective equipment recommendations described in Sections 5 and 8.
ENVIRONMENTAL PRECAUTIONS:	Disposal of collected product, residues, and cleanup materials may be governmentally regulated. Observe all applicable local, state and federal waste management regulations.
METHODS FOR CLEANING UP:	Wear proper protective equipment as specified in Section 8. Use absorbent material or scrape up dried material and place in container.

SECTION 7 – HANDLING AND STORAGE

HANDLING:	Assure good ventilation. Do not breathe vapors. Use only with adequate ventilation. Wash thoroughly after handling. Avoid breathing vapor and contact with eyes, skin and clothing. Odor is not an adequate warning for hazardous conditions.
STORAGE:	Store containers away from excessive heat and freezing. Do not store at temperatures above 100 degrees F or below 45 degrees F. Store away from caustics and oxidizers.

SECTION 8 – EXPOSURE CONTROL AND PERSONAL PROTECTION

ENGINEERING CONTROLS:	
LOCAL EXHAUST:	Recommended
GENERAL VENTILATION:	Recommended
PERSONAL PROTECTIVE EQUIPMENT:	
EYE PROTECTION:	Avoid eye contact. Use proper protection - safety glasses as a minimum.
SKIN AND BODY PROTECTION:	Avoid skin contact. Protect hands with rubber gloves and wear typical full cover clothing. Gloves must be checked before each use for signs of degradation and penetration and for proper functioning.
RESPIRATORY PROTECTION:	Avoid breathing of vapors. Wear appropriate, properly fitted NIOSH/MSHA approved respirator when the airborne contaminant levels exceed the exposure limits indicated on the MSDS. Follow respirator manufacturer's directions for respirator use.
HYGIENE MEASURES (INGESTION):	Wash hands after handling and before eating.
PRECAUTIONARY MEASURES:	Avoid eye contact. Avoid skin contact. Avoid breathing vapor. Keep container closed. Do not take internally.

Note: These precautions are for room temperature handling. Use at elevated temperatures or in aerosol spray applications may require added precautions.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL FORM:	Solid (Paste)
ODOR:	Very slight
FLASHPOINT:	Greater than 100°C (212°F)
BOILING RANGE:	100-105°C
FREEZING POINT:	0°C (32°F)
VAPOR PRESSURE (AT 100°F):	Not Applicable



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VAPOR DENSITY: Not Determined
DENSITY: 13.2 lbs/gal
SOLUBILITY IN WATER (%): NIL
SPECIFIC GRAVITY (AT 77 °F/25 °C): 1.59
% VOLATILE BY VOLUME: Not Determined
VOLATILE ORGANIC CONTENT (VOC): Not Determined
FLASH POINT (SETAFLASH): Greater than 100 °C (212 °F)
NOTE: The above information is not intended for use in preparing product specifications.

SECTION 10 – STABILITY AND REACTIVITY

CONDITIONS TO AVOID: Excessive heat and freezing.
CHEMICAL STABILITY: Stable. No hazardous reactions when stored and handled according to prescribed instructions.
HAZARDOUS DECOMPOSITION: Hazardous polymerization will not occur under normal conditions. Thermal decomposition products as described in Section 5.
PRODUCTS:

SECTION 11 – TOXICOLOGICAL INFORMATION

CHRONIC EXPOSURE:
SKIN: Repeat contact with skin may irritate moderately.
INHALATION: Vapor overexposure may irritate eyes, nose, and throat.
ORAL: Swallowing may have adverse effects depending on quantity ingested.

SPECIFIC EFFECTS: This material contains the following components with the special hazards listed below.
Carcinogens: None Known
Teratogens: None Known
Mutagens: None Known
Reproductive toxins: None Known

SECTION 12 – ECOLOGICAL INFORMATION

Ecological damage is not known or expected under normal use.

SECTION 13 – DISPOSAL INFORMATION

PRODUCT DISPOSAL: RCRA Hazard Class (40 CFR 261)
When a decision is made to discard this material, as received, is it classified as a hazardous waste? No
State or local laws may impose additional regulatory requirements regarding disposal.

SECTION 14 – TRANSPORT INFORMATION

DOT Information (49CFR 172.101)
PROPER SHIPPING NAME: Not Applicable
HAZARD CLASS: Not Applicable
UN / NA NUMBER: None
PACKING GROUP: Not Applicable



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SECTION 15 – REGULATORY INFORMATION

Contents of this MSDS comply with the OSHA Hazard Communication Standard 29CFR1910.1200.

US FEDERAL REGULATIONS:

CERCLA/SARA – Hazardous Substances and their Reportable Quantities

CHEMICAL NAME	CAS#	WT%
Ethylene Glycol	107-21-1	0.1 - 1

TOXIC SUBSTANCE CONTROL ACT (TSCA):

TSCA Status: All chemical substances found in this product comply with the Toxic Substances Control Act inventory reporting requirements.

SARA 302 EXTREMELY HAZARDOUS SUBSTANCES

None

SARA 311/312 HAZARD CATEGORIES:

Immediate:	Yes
Delayed:	No
Fire:	No
Pressure:	No
Reactive:	No

Section 313

This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right to Know Act:

Chemical	CAS No.	Wt%
Ethylene Glycol	107-21-1	0.1 – 1.0

STATE REGULATIONS:

This product does comply with the California Air Resources Board maximum for VOC's in a sealant.

STATE RIGHT-TO-KNOW REGULATIONS:

States within the US that have promulgated State Right-to-Know regulations with chemical listing requirements including the chemicals in this product are provided below.

Chemical	CAS No.	Wt%	States
Calcium Carbonate	1317-65-3	40-70	New Jersey, Minnesota, California
Non-Hazardous Polymer	Proprietary	10-30	New Jersey, Pennsylvania, California
Water	7732-18-5	5-20	New Jersey
Branched and Linear Esters	Proprietary	1-5	New Jersey, California
Mineral Spirits	64742-48-9	1-5	New Jersey, New York, Massachusetts, Pennsylvania
Ethylene Glycol	107-21-1	0.1-1	New Jersey, California



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INTERNATIONNAL:

Canada

This product has been classified according to the hazard criteria of the CPR and the MSDS contains all the information required by the CPR.

Canadian DSL

All ingredients in this product are currently listed on the Canadian Domestic Substances List (DSL) and would not be considered new for the purposes of the Canadian Environmental Protection Act (CEPA).

Note:

The recipient of this product should be aware of the possible existence of additional local regulations, which may be applicable to this product.

SECTION 16 – OTHER INFORMATION

These data are offered in good faith as typical values and not as a product specification. No warranty, either expressed 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.