



MATERIAL SAFETY DATA SHEET

BONDAFLEX STP SPRAYABLE HYBRID SEALANT, COLORS

SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: BONDAFLEX STP Sprayable Hybrid Sealant, Colors
PRODUCT CODE: STP Sprayable 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: 7/15/05

SECTION 2 – COMPOSITION/INFORMATION ON HAZARDOUS INGREDIENTS

This product consists of a mixture/preparation. Due to its final form, the ingredients in this product are not considered hazardous per the OSHA Hazard Communication Standard. Under normal conditions of use, no respirable particles should be released from this product other than very small trace amounts of methanol covered in Section 3.

SECTION 3 – HAZARDS IDENTIFICATION

MAIN SYMPTOMS:

EYE: Direct contact irritates moderately with redness and swelling.
SKIN: A single short exposure (less than 24 hours) may irritate. Repeated prolonged contact (24 to 48 hours) may irritate moderately.
INHALATION: Vapor overexposure may cause drowsiness. Inhalation may cause irritation or lung damage.
ORAL: Small amounts transferred to mouth by fingers during use, etc should not injure. Swallowing large amounts may cause digestive discomfort and gastrointestinal irritation.
COMMENTS: Methyl alcohol forms on contact with water or humid air. Provide adequate ventilation to control exposures within OSHA PEL guidelines – OSHA PEL: TWA 200ppm and ACGIH TLV-skin: TWA 200ppm, STEL 250ppm.
NFPA HAZARD CODES: Health: 2 Flammability: 2 Reactivity: 0

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

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 65°C (150°F)
HAZARDOUS DECOMPOSITION PRODUCTS: By high heat and fire: oxides of carbon, and formaldehyde.

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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: Ventilate area. Extinguish all ignition sources. Contain spill. Evacuate unprotected personnel from hazard area. Cover with absorbent, place in approved drum; do not seal drum for 48 hours to avoid possible pressure build-up. Local, state, and federal reporting requirements may apply to spills or releases of this material into the environment. See applicable regulatory compliance information in Section 15.

SECTION 7 – HANDLING AND STORAGE

HANDLING: No special precautions.
STORAGE: Store in original sealed containers away from heat and moisture.

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: Wash at mealtimes and end of shift. If skin contact occurs, change contaminated clothing as soon as possible and thoroughly flush effected areas with water. Chemical protective gloves recommended.
RESPIRATORY PROTECTION: 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: Slight odor
FLASHPOINT: Greater than 65 °C (150 °F)
VAPOR PRESSURE (AT 100 °F): Not Applicable
VAPOR DENSITY: Not Applicable
DENSITY : 13.2 lb/gal
SOLUBILITY IN WATER (%): NIL
SPECIFIC GRAVITY (AT 77 °F/25 °C): 1.58
% VOLATILE BY VOLUME: Less than 2%
VOLATILE ORGANIC CONTENT (VOC): 1.57% by weight; 26 g/L (0.18 lbs/gal)
NOTE: The above information is not intended for use in preparing product specifications.



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SECTION 10 – STABILITY AND REACTIVITY

CHEMICAL STABILITY:	Stable.
HAZARDOUS POLYMERIZATION:	Hazardous polymerization will not occur.
CONDITIONS TO AVOID:	None.
MATERIALS TO AVOID:	Oxidizing material can cause a reaction.
INCOMPATIBILITY:	Contact of methanol with water, moisture or humid air can cause hazardous vapors to occur.
HAZARDOUS DECOMPOSITION PRODUCTS:	Hazardous products include the oxides of carbon.

SECTION 11 – TOXICOLOGICAL INFORMATION

See Section 2 for exposure limits, Section 3 for exposure effects.

CHRONIC EXPOSURE:	
SKIN:	Repeat contact with skin may cause severe irritation, or allergic reaction. Product contains small amounts of methanol, which is a tissue irritant that may be absorbed through the skin and produce systemic toxic effects.
INHALATION:	Vapor overexposure may cause drowsiness, irritate eyes, nose, and throat, or injure blood, liver, or central nervous system.
ORAL:	Small amounts transferred to the mouth by fingers during use, etc., should not injure. Swallowing larger amounts may have adverse affects depending on the quantity ingested.
SPECIAL EFFECTS:	Carcinogens: IARC has evaluated this product and listed it as Group 3, not classifiable as to its carcinogenicity to humans. Teratogens, Mutagens: None known. Reproductive Toxins: Methanol may cause reproductive effects.

SECTION 12 – ECOLOGICAL INFORMATION

Do not allow product to enter waste water drains, waterways or soil. However, when exposed to moisture and air in the environment, the product cures to a solid state in which no leach-able materials will be released.

SECTION 13 – DISPOSAL INFORMATION

PRODUCT DISPOSAL:	<u>RCRA Hazard Class (40 CFR 261)</u> 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.
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SECTION 14 – TRANSPORT INFORMATION

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

SECTION 15 – REGULATORY INFORMATION

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

US FEDERAL REGULATIONS:

TOXIC SUBSTANCE CONTROL ACT (TSCA):



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

SARA 302/304 EXTREMELY HAZARDOUS SUBSTANCES

None

SARA 311/312 HAZARD CATEGORIES:

Acute: Yes
Chronic: 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:

None.

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.

<i>Chemical</i>	<i>CAS No.</i>	<i>Wt%</i>	<i>States</i>
Precipitated Calcium Carbonate	471-34-1	15-40	Minnesota, New Jersey
Polymer	Trade Secret	20-30	New Jersey
Diisodecyl Phthalate	26761-40-0	20-30	New Jersey, Pennsylvania
Calcium Carbonate	1317-65-3	5-20	Minnesota, New Jersey
Titanium Dioxide	13463-67-7	3-7	New Jersey, Massachusetts, Minnesota, Pennsylvania

INTERNATIONAL:

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.