

MATERIAL SAFETY DATA SHEET

INSTAbond® Primer T

Anaerobic Primer

Specifications:

Mil-S-22473 Grade T, Form R

National Stock Numbers:

8030-01-388-5604 - 1.75oz

8030-01-388-5605 - 1oz

8030-00-082-2508 - 4oz

8030-00-181-8372 - 6oz aerosol

8030-00-083-3442 - 1 gallon

SECTION 1: PRODUCT and COMPANY IDENTIFICATION

Product Name: INSTAbond® Primer T

Company: ACCRAbond, Inc.
8848 Hacks Cross Road
Olive Branch, MS 38654-1827

Emergency Phone
Numbers: ACCRAbond: 800-895-4480
ChemTrec: 800-424-9300

SECTION 2: OSHA HAZARDOUS COMPONENTS

<u>Chemical Name</u>	<u>CAS Number</u>	<u>Weight %</u>	<u>ACGIH TLV</u>	<u>ACGIH STEL</u>	<u>OSHA PEL/TWA</u>	<u>SKIN</u>
Acetone	67-64-1	98 – 100	750ppm	N/A	1000ppm	Yes

SECTION 3: HAZARDS IDENTIFICATION

INGESTION: Results in mucous membrane irritation. Poisoning may result in hyperglycemia, liver, and kidney damage. Aspiration hazard. Can enter lungs during swallowing or vomiting and cause chemical pneumonia and edema.

SKIN: Contact causes skin irritation including redness, burning, drying, and cracking. No harmful effects from skin absorption are expected.

INHALATION: Low to moderate degree of toxicity by inhalation. Vapor concentrations >1000 ppm are irritating to respiratory tract. May cause headaches, dizziness, liver disorder and have other central nervous system effects. Bioaccumulation occurs after repeated exposures to high doses.

EYES: Will cause severe eye irritation including stinging, watering, and redness. Prolonged contact can result in chemical burns and permanent tissue damage. High vapor concentrations are irritating to eyes.

TARGET ORGANS: None known.

HMIS RATING: Health – 3 Flammability – 3 Reactivity – 0.

SECTION 4: FIRST AID MEASURES

INGESTION: Do not induce vomiting. Get medical attention. If vomiting occurs spontaneously, keep head below hips to prevent aspiration.

SKIN: Remove contaminated clothing and wash contact area with soap and water for 15 minutes. If dermatitis occurs, seek medical attention.

INHALATION: In case of exposure to high concentration of vapors, remove person to fresh air. Administer oxygen or artificial respiration if breathing is affected or stopped. If respiratory irritation persists, seek medical attention.

EYES: Immediately flush with plenty of water (under eye lids) at least 15 minutes. If redness, burning, blurred vision or swelling persists, consult a physician immediately.

SECTION 5: FIRE FIGHTING MEASURES

FLASHPOINT: -4°F

EXTINQUISHING MEDIA: Use water fog, foam, dry chemical or carbon dioxide to extinguish flames.

SPECIAL FIRE FIGHTING MEASURES: Firefighters should wear full protective clothing and self-contained breathing apparatus. Thoroughly decontaminate fire fighting equipment and fire fighting apparel after the incident. Keep containers cool with water fog to minimize swelling taking care not to spread flames with water used for cooling.

UNUSUAL HAZARDS: Product is **extremely flammable** and may be ignited by heat, sparks, flames, or other sources of ignition (i.e. static electricity, pilot lights, or mechanical/electrical equipment). Vapors may travel considerable distances to a source of ignition where they can ignite, flashback, or explode. May create vapor/air explosion hazard indoors, outdoors, or in sewers. Vapors are heavier than air and can accumulate in low areas. If container is not properly cooled, it can explode in the heat of a fire. May create a floating fire hazard.

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: In the event of a spill, immediately remove any source of ignition and MEASURES: hot metal surfaces away from spill. Evacuate all unprotected personnel from area. Use foam on spills to minimize vapors. Contain spill if it can be done with minimal risk. Using only non-sparking tools and explosion proof equipment, collect spill on absorbent material and put into approved container. Prevent liquid from entering drains, sewers, or waterways. Notify proper authorities. See Section 13 for information on disposal.

SECTION 7: HANDLING & STORAGE

HANDLING AND STORAGE: NFPA Class I storage. Avoid prolonged breathing of mist or vapor. Wash thoroughly after handling. Vent container carefully before opening. Bond and ground all equipment when transferring from one vessel to another. The use of explosion-proof equipment is recommended. "Empty" containers retain residue and/or vapor and may be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flames, sparks, or other sources of ignition. Keep containers tightly closed when not in use.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

VENTILATION: Adequate local or mechanical to reduce mist/vapor to <TLV.

RESPIRATORY PROTECTION: NIOSH approved organic respirators for high mist/vapor areas or in confined spaces.

SKIN PROTECTION: Impervious gloves/aprons/work boots, solvent resistant such as natural rubber or neoprene.

EYE PROTECTION: Goggles or approved OSHA device with side shields; do not wear contact lens when handling this product.

SECTION 9: PHYSICAL & CHEMICAL PROPERTIES

APPEARANCE: Yellow or straw liquid

ODOR: Mild

SPECIFIC GRAVITY: 0.80

SOLUBILITY IN WATER: Complete

VAPOR PRESSURE: 184 mmHg@20°C

VAPOR DENSITY: 2 (air = 1)

EVAPORATION RATE: 11.6 (butyl acetate = 1)

VOLATILE ORGANIC CONTENT: 100% (6.58 lbs/gal)

SECTION 10: STABILITY & REACTIVITY

STABILITY: This product is stable under normal conditions.

HAZARDOUS POLYMERIZATION: Will not occur.

HAZARDOUS DECOMPOSITION: Carbon monoxide, carbon dioxide, various hydrocarbons under combustion conditions.

PRODUCTS INCOMPATIBILITY: Strong oxidizers, acids, and halogenated compounds.

CONDITIONS TO AVOID: Extreme heat and sources of ignition.

SECTION 11: TOXICOLOGY INFORMATION

No toxicological data is available on this product.

SECTION 12: ECOLOGICAL INFORMATION

No ecological data is available on this product. Do not allow product to enter waterways.

SECTION 13: DISPOSAL INFORMATION

DISPOSAL INFORMATION: Dispose of in accordance with federal, state and local regulations. RCRA waste codes of D001 and U002 if discarded as an uncontaminated liquid.

SECTION 14: TRANSPORTATION INFORMATION

UN OR ID NUMBER: UN 1090

PROPER SHIPPING NAME: Acetone

PACKING GROUP: 2

HAZARD CLASS/DIVISION: 3 (Flammable Liquid)

DOT: 49 CFR Part 172.419

SECTION 15: REGULATORY INFORMATION

SARA Title Section 302/304: None for extremely hazardous substance

CERCLA-SECTION 102(a): Acetone (67-64-1) RQ-5,000 lbs.

SARA Title 3 Section 311: Acute/Chronic/Fire for hazard categorization

SARA Title 3 Section 331: None for supplier information

SECTION 16: OTHER

To the best of our knowledge, the information contained herein is accurate. However, no liability whatsoever is assumed for the accuracy or completeness of the information contained herein. Final determination of suitability of any materials is the sole responsibility of the user. All materials may present unknown health hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.