

## **SAFETY DATA SHEETS**

**This SDS packet was issued with item:**

071098748

**The safety data sheets (SDS) in this packet apply to the individual products listed below. Please refer to invoice for specific item number(s).**

071098755

**The safety data sheets (SDS) in this packet apply to one or more components included in the items listed below. Items listed below may require one or more SDS. Please refer to invoice for specific item number(s).**

071096205 071096213 071096270 071096288 071096296 071098672 071098680 071098698 071098706 071098714  
071098722 071098730 071098763 071098771 071098789

**SAFETY DATA SHEET**

**SECTION 1: IDENTIFICATION OF PRODUCT**

PRODUCT NAME: **ACCULITE™** (ALL TYPES)

APPLICATION: ALPHA CYANOACRYLATE ESTERS, FOR LABORATORY BONDING, TACKING COMPONENTS IN PLACE.

EMERGENCY CONTACT: **INFOTRAC: 1-352-323-3500, TOLL-FREE 1-800-535-5053**

**SECTION 2: HAZARDS IDENTIFICATION (CLASSIFICATION)**

WARNING: IRRITANT TO SKIN, EYES AND RESPIRATORY SYSTEM.



SECTION 2A: PHYSICAL HAZARDS

N/A

SECTION 2B: HEALTH HAZARDS

THRESHOLD LIMIT VALUE: TLV: NONE ESTABLISHED BY OSHA OR ACGIH.

SKIN: H315: CAUSES SKIN IRRITATION. CATEGORY 2 H312: HARMFUL IN CONTACT WITH SKIN. CATEGORY 4.

EYES: H319: CAUSES SERIOUS EYE IRRITATION. CATEGORY 2A

INHALATION: H332: HARMFUL IF INHALED. CATEGORY 4.

INGESTION: H302: HARMFUL IF SWALLOWED. CATEGORY 4

CARCINOGENICITY: NO INGREDIENTS IDENTIFIED AS CARCINOGEN OR POTENTIAL CARCINOGEN BY NTP, IARC OR OSHA.

**SECTION 3: COMPOSITION / INGREDIENTS**

MIXTURE:  Yes  No

ALPHA CYANOACRYLATE ESTERS, PROPRIETARY MIXTURES.

**SECTION 4: FIRST AID MEASURES**

SKIN: WIPE OFF EXCESS WITH TOWELING. AVOID PULLING SKIN APART BY FORCE. APPLY ACCUSOLV OR OTHER SUITABLE CYANOACRYLATES SOLVENT AND SEPERATE BONDED SKIN SLOWLY. P352: WASH WITH PLENTY OF SOAP AND WATER. P332+313: IF SKIN IRRITATION OCCURS: CONTACT A POISON CENTER OR PHYSICIAN.

EYES: P305+351+338: IF IN EYES: RINSE CAUTIOUSLY WITH WATER FOR SEVERAL MINUTES. REMOVE CONTACT LENSES IF PRESENT AND EASY TO DO- CONTINUE RINSING. HOLD EYES OPEN P310: IMMEDIATELY CALL A POISON CENTER/PHYSICIAN.

INHALATION: P304+340: IF INHALED: REMOVE VICTIM TO FRESH AIR AND KEEP AT REST IN A POSITION COMFORTABLE FOR BREATHING. P342+311: IF EXPERIENCING RESPIRATORY SYMPTOMS: GET MEDICAL ATTENTION.

INGESTION: P330 RINSE MOUTH.P311: CALL A POISON CENTER/PHYSICIAN. GIVE WATER TO DRINK AND INDUCE VOMITING MECHANICALLY OR WITH SYRUP OF IPECAC IF DIRECTED TO DO SO BY A PHYSICIAN.

**SECTION 5: FIREFIGHTING MEASURES**

FLASH POINT: 180 F.

FLAMMABLE LIMITS: N/A

FIRE EXTINGUISHING MEDIA: P370+378: IN CASE OF FIRE: USE DRY CHEMICAL OR CARBON DIOXIDE FOR EXTINGUISHING.

SPECIAL FIRE FIGHTING PROCEDURES: USE PERSONAL PROTECTIVE EQUIPMENT TO AVOID EXPOSURE TO LIQUID OR VAPORS. IF SAFE, REMOVE CONTAINERS FROM SOURCES OF HEAT AND COOL THEM.

UNUSUAL FIRE AND EXPLOSION HAZARD: IF INVOLVED IN A FIRE, EMITS IRRITATING FUMES. CONTAINERS MAY RUPTURE IF EXPOSED TO EXTREME HEAT.

#### **SECTION 6: ACCIDENTAL RELEASE MEASURES**

PRECAUTIONS: AVOID SKIN CONTACT. VENTILATE THE AREA.

PROCEDURES: AVOID SKIN CONTACT. FLUSH WITH WATER TO HARDEN AND SCRAPE UP. SMALL SPILLS CAN BE ABSORBED WITH WET PAPER OR CLOTH WHICH WILL CAUSE THE CYANOACRYLATE TO HARDEN.

#### **SECTION 7: HANDLING AND STORAGE (LAB QUANTITIES)**

**UNOPENED BOTTLE MAY BE STORED IN REFRIGERATOR. ALLOW TO WARM UP TO ROOM TEMPERATURE BEFORE USING.**

P102: KEEP OUT OF REACH OF CHILDREN. P402+404: STORE IN A DRY PLACE. STORE IN A CLOSED CONTAINER. P403+235+410: STORE IN A WELL VENTILATED PLACE. KEEP COOL. PROTECT FROM SUNLIGHT. FOR LABORATORY OR OFFICE USE ONLY. DO NOT MIX WITH OTHER MATERIALS UNLESS DIRECTED TO DO SO. NORMAL PRECAUTIONS OF LABORATORY GOOD HOUSEKEEPING PRACTICES SHOULD BE FOLLOWED.

#### **SECTION 8: EXPOSURE CONTROLS (PERSONAL PROTECTION)**

VENTILATION: LOCAL EXHAUST IS ACCEPTABLE.

SKIN: P281: USE PERSONAL PROTECTIVE EQUIPMENT AS REQUIRED. NITRILE OR RUBBER IMPERMEABLE GLOVES.

EYES: P281: USE PERSONAL PROTECTIVE EQUIPMENT AS REQUIRED. SAFETY GLASSES OR GOGGLES. DO NOT WEAR CONTACT LENSES WHEN HANDLING CHEMICALS.

RESPIRATORY: NONE FOR NORMAL USE. IN AREAS OF POOR VENTILATION IT MAY BE NECESSARY TO USE A CHEMICAL RESPIRATOR.

OTHER: EYE WASH STATION

#### **SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE: CLEAR, COLORLESS LIQUIDS WITH CHARACTERISTIC IRRITATING, ACRID ODOR. FAST SET IS A THIN, WATERY LIQUID. GAP FILL IS SYRUPY. REGULAR SET IS INTERMEDIATE.

PH OF SOLUTION: N/A

MELTING POINT: °F: N/A

BOILING POINT: 149 F AT 6 MM HG.

SPECIFIC GRAVITY: 1.05

EVAPORATION RATE: (BUAC =1): N/A

VAPOR DENSITY: (AIR =1): GREATER THAN 1.

PERCENT VOLATILE: N/A

VAPOR PRESSURE: 0.17 MM HG AT 68 F.

WATER SOLUBILITY: INSOLUBLE. DECOMPOSES AND POLYMERIZES ON CONTACT WITH WATER.

#### **SECTION 10: REACTIVITY DATA**

STABILITY: STABLE WHEN COOL AND DRY.

CONDITIONS TO AVOID: EXTREME HEAT, MOISTURE, SUNLIGHT.

INCOMPATIBILITY (MATERIALS TO AVOID): WATER, ACIDS, BASES AND SOLVENTS WILL CAUSE RAPID POLYMERIZATION. ANY ATTEMPT TO DILUTE THE BASE WITH OTHER MATERIALS WILL RESULT IN RAPID POLYMERIZATION.

HAZARDOUS DECOMPOSITION PRODUCTS: COMBUSTION COULD FORM CO, NOX, AND IRRITATING FUMES.

HAZARDOUS POLYMERIZATION: MAY OCCUR IF CONTAMINATED WITH ACTIVATOR OR ALKALI MATERIALS. EXTREME HEAT COULD BE GENERATED.

REACTIVITY WITH WATER: WILL OCCUR. CONTACT WITH WATER WILL DECOMPOSE THE PRODUCT.

#### **SECTION 11: TOXICOLOGICAL INFORMATION**

ACUTE EXPOSURE: SIGNS AND SYMPTOMS:

SKIN: CONTACT WITH PRODUCT CAN CAUSE IRRITATION,, IMMEDIATE BONDING OF SKIN SURFACES.

EYES: DIRECT EXPOSURE CAN CAUSE SEVERE IRRITATION, REDNESS AND BLURRED VISION. LIQUID CAN BOND EYELIDS CLOSED AND CAUSE BURNS IF NOT IMMEDIATELY TREATED.

INHALATION: INHALATION CAN CAUSE IRRITATION TO RESPIRATORY SYSTEM, SNEEZING, COUGHING, EXACERBATION OF PRE-EXISTING PULMONARY PROBLEMS AS ASTHMA.

INGESTION: LIQUID IS IRRITATING AND CAN RAPIDLY BOND MUCOSA AND LIPS. CAN CAUSE GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING.

CHRONIC EXPOSURE: INHALATION CAN CAUSE IRRITATION TO RESPIRATORY SYSTEM, SNEEZING, COUGHING, EXACERBATION OF PRE-EXISTING PULMONARY PROBLEMS AS ASTHMA.

SENSITIZER: NO HUMAN DATA REPORTED

CARCINOGENICITY: NO INGREDIENTS IDENTIFIED AS CARCINOGEN OR POTENTIAL CARCINOGEN BY NTP, IARC OR OSHA.

TERATOGENICITY: N/A

EMBRYOTOXICITY: N/A

MUTAGENICITY: N/A

PRE-EXISTING CONDITIONS: N/A

#### **SECTION 12: ECOLOGICAL INFORMATION**

ECOTOXICITY: NOT ESTABLISHED FOR THIS MIXTURE.

DEGRADABILITY: EXPECTED TO BE BIODEGRADABLE. WATER OR ATMOSPHERIC MOISTURE WILL DECOMPOSE THE PRODUCT. BREAKDOWN PRODUCTS ARE NON-HAZARDOUS.

BIOACCUMULATION: NOT EXPECTED TO BIO-ACCUMULATE.

MOBILITY IN SOIL: EXPECTED TO BE LOW. MATERIAL IS DECOMPOSED BY MOISTURE INTO INERT PRODUCTS.

#### **SECTION 13: DISPOSAL INFORMATION**

WATER WILL HARDEN THE PRODUCT WHICH CAN THEN BE SCRAPED UP. CAN BE DUMPED AS CHEMICAL WASTE IN CLOSED CONTAINER.

#### **SECTION 14: TRANSPORT INFORMATION**

UN NUMBER: N/A

SHIPPING NAME: N/A

CLASS: N/A

PACKING GROUP: N/A

MARINE POLLUTANT: N/A

WARNING SYMBOL: N/A

OTHER: LAB QUANTITIES OF MATERIAL ARE NOT REGULATED AS A HAZARD IN TRANSPORTATION BY US DOT.

#### **SECTION 15: REGULATORY INFORMATION**

LABELING: IRRITANT PICTOGRAM.

NFPA RATINGS: HEALTH HAZARD: 1 FIRE & EXPLOSION: 0 REACTIVITY: 1 SPECIAL PROTECTION: B

NATIONAL REGULATIONS:

TSCA: ALL COMPONENTS ARE ON THE TSCA INVENTORY LIST

SARA: SARA SECTION 302: EXTREMELY HAZARDOUS SUBSTANCES: NONE LISTED.

SARA SECTION 313: N/A

INAPPLICABLE: NO COMPONENTS ARE SUBJECT TO TSCA SNUR LISTING.

FOREIGN REGULATIONS:

ALL COMPONENTS ARE ON THE EU EINECS INVENTORY LIST AND THE CANADIAN DSL.

#### **SECTION 16: OTHER INFORMATION**

**KEEP CYANOACRYLATE WELL SEPARATED FROM CATALYSTS (SEE: INCOMPATIBILITY). UNOPENED BOTTLES MAY BE STORED IN REFRIGERATOR. OPENED BOTTLES MAY BE STORED WITH CAPPED MICROBORE TUBING IN PLACE. NO DOT SHIPPING RESTRICTIONS APPLY.**

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**SALES INFORMATION: 1-800-558-5925 (8 AM TO 6 PM EST, MONDAY TO FRIDAY)**

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Information Furnished By:

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