

**ACCUMETRIC LLC
350 RING ROAD
ELIZABETHTOWN, KY 42701**

**800-928-2677 - PHONE
270-769-3385 - FAX**

MATERIAL SAFETY DATA SHEET

BOSS® 151 BLACK BOND ADHESIVE

NFPA HAZARD RATINGS

HEALTH 2
FLAMMABILITY 2
REACTIVITY2
OTHER NONE

SECTION 1. PRODUCT IDENTIFICATION

TRADE NAME: BOSS 151 BLACK BOND ADHESIVE
CHEMICAL NAME/SYNONYMS: CYANOACRYLATE ADHESIVE
COMMON NAME: CYANOACRYLATE INSTANT ADHESIVE
FORMULA/MOLECULAR WEIGHT: N/A - MIXTURE
CAS NUMBER: N/A - MIXTURE
DOT HAZARD CLASSIFICATION: CEMENT, LIQUID NOS NA1133

SECTION 2. PRODUCT DESCRIPTION

APPEARANCE: COLORLESS LIQUID
ODOR: SLIGHTLY PUNGENT

PHYSICAL PROPERTIES:

BOILING POINT: >150 DEG C
SPECIFIC GRAVITY: 1.090
PERCENT VOLATILES: 0 AT 70 DEG F
WATER MISCIBILITY: NEGLIGIBLE

HAZARDOUS COMPONENTS:

LISTED BELOW ARE HAZARDOUS COMPONENT(S) AS DEFINED IN 49 CFR 172 AND 29 CFR 1910 WHICH ARE PRESENT IN THIS PRODUCT AND ALL COMPONENTS WHICH APPEAR ON THE HAZARDOUS SUBSTANCE LIST OF ANY STATE.

ETHYLCYANOACRYLATE 07085850 80.00 +/- SKIRTCOM

++ETHYLCYANOACRYLATE++

CAUTION! READ SECTION 6 OF THIS MSDS CAREFULLY
BEFORE USING THIS PRODUCT.

EXPOSURE LIMITS: TLV - 2PPM, MANUFACTURERS
RECOMMENDATION

SECTION 3. FIRE AND EXPLOSION DATA

FLASH POINT: 185 DEG F
TEST METHOD: SETAFLASH CLOSED CUP
LOWER FLAMMABLE LIMIT - N/D
UPPER FLAMMABLE LIMIT - N/D

RECOMMENDED EXTINGUISHING MEDIA:
WATER, CO₂, FOAM, DRY CHEMICAL

UNUSUAL FIRE OR EXPLOSION HAZARDS (CONDITIONS TO AVOID):
WATER MAY SPREAD FIRE (PRODUCTS FLOAT ON WATER).

HAZARDOUS DECOMPOSITION PRODUCTS:
NONE KNOWN TO ACCUMETRIC INC.

SPECIAL FIRE FIGHTING PROCEDURES:
WHEN FIRE FIGHTING, WEAR FULL PROTECTIVE EQUIPMENT INCLUDING
SELF-CONTAINED BREATHING APPARATUS.

SECTION 4. REACTIVITY DATA

PRODUCT IS STABLE UNDER NORMAL CONDITIONS:
INCOMPATIBLE MATERIALS (MATERIALS TO AVOID):
NONE KNOWN.
HAZARDOUS POLYMERIZATION WILL NOT OCCUR.

SECTION 5. ACUTE HEALTH AND SAFETY DATA

TEST TYPE	RESULT	ANIMAL SPECIES	HAZARD RANK
LD50-N/D			
LD50-N/D			

SECTION 6. HANDLING PRECAUTIONS/FIRST AID RECOMMENDATIONS

SKIN AND EYE CONTACT:
WARNING! CYANOACRYLATES BOND SKIN RAPIDLY AND STRONGLY.
MAY ALSO BOND EYELID TO EYELID AND/OR EYE. A LARGE DROP MAY
CAUSE BURN UPON SOLIDIFICATION.
FIRST AID/SKIN: IMMERSE BONDED SURFACE IN WARM SOAPY WATER.

DO NOT FORCE SEPARATION.

FIRST AID/EYES: FLUSH THOROUGHLY WITH LUKEWARM OR TEPID WATER FOR AT LEAST 15 MINUTES. CALL PHYSICIAN IMMEDIATELY.

INHALATION:

CAUTION! VAPORS MAY CAUSE IRRITATION OF NOSE AND BRONCHIAL PASSAGES. AVOID PROLONGED INHALATION.

FIRST AID: MOVE TO FRESH AIR. IF SYMPTOMS PERSIST, CALL A PHYSICIAN.

ORAL INGESTION:

CAUTION: IT IS ALMOST IMPOSSIBLE TO SWALLOW CYANOACRYLATES. THE ADHESIVE SOLIDIFIES AND ADHERES IN THE MOUTH. THE LIPS MAY BE STUCK TOGETHER.

FIRST AID/MOUTH: SALIVA SHOULD LIFT THE ADHESIVE IN 12 TO 48 HOURS. DO NOT FORCE REMOVAL. DO NOT SWALLOW THE ADHESIVE WHEN IT LOOSENS.

FIRST AID/LIPS: APPLY PLENTY OF WARM WATER. USE MAXIMUM WETTING AND PRESSURE FROM SALIVA INSIDE THE MOUTH. PEEL OR ROLL THE LIPS APART, GENTLY. CALL A PHYSICIAN.

OTHER:

NO CARCINOGENICITY, MUTAGENICITY OR TERATOGENICITY EFFECTS ARE KNOWN.

NO EFFECTS OF CHRONIC EXPOSURE OR TARGET ORGAN EFFECTS ARE KNOWN.

NO EXPOSURE LIMITS HAVE BEEN ESTABLISHED FOR THIS PRODUCT AS FORMULATED.

SECTION 7. SPILL PROCEDURES

STEPS TO TAKE IF SPILLED:

FLOOD AREA WITH WATER TO CURE (HARDEN) CYANOACRYLATE ADHESIVE AND TO CONTROL PRODUCT VAPORS. SCRAPE UP CURED PRODUCT.

WASTE DISPOSAL:

THIS PRODUCT, IF DISPOSED AS SHIPPED, IS NOT A HAZARDOUS WASTE AS SPECIFIED IN 40 CFR 261. DISPOSE OF IN AN APPROVED LANDFILL IN ACCORDANCE WITH STATE AND LOCAL REGULATIONS.

SECTION 8. SPECIAL PROTECTION INFORMATION

VENTILATION REQUIREMENTS:

LOCAL

PERSONAL PROTECTIVE EQUIPMENT RECOMMENDED FOR NORMAL USE

CONDITIONS:

EYE PROTECTION: SAFETY GLASSES WITH SIDE SHIELDS

SKIN PROTECTION:

POLYETHYLENE GLOVES AND APRON. (NO COTTON OR WOOL)..

RESPIRATORY PROTECTION:

N/A WITH LOCAL EXHAUST

SECTION 9. HANDLING AND STORAGE

STORE AWAY FROM HEAT AND DIRECT SUNLIGHT.

KEEP CONTAINER TIGHTLY CLOSED WHEN NOT IN USE. STORE IN A DRY LOCATION.

THE INFORMATION HEREIN RELATES TO THE PRODUCT NAMED AND IS BASED UPON INFORMATION ACCUMETRIC INC. CONSIDERS TO BE ACCURATE. NO WARRANTY EXPRESSED OR IMPLIED IS INTENDED.

THIS INFORMATION IS OFFERED SOLELY FOR YOUR CONSIDERATION AND INTERPRETATION.

DATE: JANUARY 23, 2000