



MATERIAL SAFETY DATA SHEET

MSDS ID ALCOHOL BASED PERMANENT MARKER INK
PRODUCT NAME ALCOHOL BASED PERMANENT MARKER INK
PART# B272-005 BLACK 46-33-A1

SECTION I SUPPLIER INFORMATION

COMMON NAME: ALCOHOL BASED PERMANENT MARKER INK
CHEMICAL NAME: N/A
FORMULA/CAS N/A
SUPPLIER: RPM Wood Finishes Group
ADDRESS: 1394 Hickory Blvd.
CITY, STATE, ZIP Hudson, NC 28638
DATE ISSUED: 06/19/06

SECTION II INGREDIENT INFORMATION

N-PROPYL ALCOHOL CAS#: 71-23-8 %: 70-80
PEL-OSHA: 200PPM TLV-ACGIH: 200PPM
COLORANT CAS#: 11099-03-9 %: 10-20
PEL-OSHA: NOT ESTABLISHED TLV-ACGIH: NOT ESTABLISHED
COLORANT CAS#: 111559-76-3 %: 10-15
PEL-OSHA: NOT ESTABLISHED TLV-ACGIH: NOT ESTABLISHED
RESIN CAS#: 65997-05-9 %: 5-10
PEL-OSHA: NOT ESTABLISHED TLV-ACGIH; NOT ESTABLISHED
M-PYROL CAS#: 672-50-4 %: 5-10
PEL-OSHA: NOT ESTABLISHED TLV-ACGIH: NOT ESTABLISHED

*****INGREDIENT HAZARD STATEMENT*****
WARNING: THIS PRODUCT IS IDENTIFIED AS A HAZARDOUS CHEMICAL UNDER THE OSHA HAZARDOUS COMMUNICATIONS STANDARD {29 CFR 1910.1200} DUE TO THE PRESENCE OF N-PROPANOL CITED ABOVE.

THIS PRODUCT IS NOT REPORTABLE UNDER THE S.A.R.A. ACT OF 1986, TITUS III, SEC. 313 (40 CFR PART 372).

THIS PRODUCT DOES NOT CONTAIN ANY KNOWN CHEMICAL REPORTABLE UNDER THE CALIFORNIA SAFE DRINKING WATER & TOXIC ENFORCEMENT ACT OF 1986 (CA PROP 65).

ALL INGREDIENTS MEET TSCA REQUIREMENTS

SECTION III PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT: 207°F
SPECIFIC GRAVITY (H2O = 1): .840
MELTING POINT: NOT ESTABLISHED

VAPOR PRESSURE (mm HG): APPROX. 15 @ 68°F
VAPOR DENSITY (AIR - 1): APPROX. 2.10
EVAPORATION RATE (BUTYL ACETATE=1): APPROX. 1.3
SOLUBILITY/WATER: COMPLETE

*****APPEARANCE AND ODOR*****
BLACK LIQUID WITH SLIGHT ALCOHOLIC ODOR.

*****ADDITIONAL INFORMATION*****

SECTION IV FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: APPROX. 74°F (23°C) TCC
AUTO IGNITION: APPROX. 824F
LEL: 2.2%
UEL: 14%

*****NFPA HAZARD CLASSIFICATION*****
FLAMMABLE: 3 HEALTH: 1 REACTIVITY: 0 SPECIAL: 0

*****EXTINGUISHING MEDIA*****
DRY CHEMICAL, ALCOHOL FOAM, CO2

*****SPECIAL FIRE FIGHTING PROCEDURSS*****
WARNING: FLAMMABLE
FIRE FIGHTERS SHOULD WEAR APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT. COOL FIRE EXPOSED CONTAINERS WITH WATER.

*****FIRE FIGHTING PROCEDURES*****
CONTAINERS EXPOSED TO INTENSE HEAT FROM FIRES SHOULD BE COOLED WITH WATER TO PREVENT VAPOR PRESSURE BUILD-UP WHICH COULD RESULT IN CONTAINER RUPTURE.

SECTION V REACTIVITY DATA

STABILITY: PRODUCT IS STABLE
AVOID: NONE

*****INCOMPATIBILITY (MATERIALS TO AVOID)*****
STRONG OXIDIZING AGENTS.

*****HAZARDOUS DECOMPOSITION OR BY-PRODUCTS*****
COMBUSTION MAY PRODUCE CARBON MONOXIDE AND/OR OTHER UNIDENTIFIED POTENTIALLY TOXIC FUMES.

POLYMERIZATION: POLYMERIZATION WILL NOT OCCUR
AVOID: NONE

SECTION VI HEALTH HAZARD DATA

***** ROUTES OF ENTRY*****
INHALATION: YES
SKIN: YES
INGESTION: YES
EYES: YES

***** CARCINOGENICITY*****
NTP: NO IARC: NO OSHA: NO

*****ACUTE AND CHRONIC HEALTH HAZARDS*****
IF SWALLOWED MAY CAUSE NAUSEA, VOMITING, ABDOMINAL DISCOMFORT OR DIARRHEA.

*****SIGNS AND SYMPTOMS OF EXPOSURE*****
INK MAY CAUSE EYE IRRITATION. INK MAY CAUSE SKIN IRRITATION OR DERMATITIS.
PROLONGED CONTACT WITH THE SKIN MAY CAUSE DEFATTING AND DRYING.

*****MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE*****
SKIN CONTACT MAY AGGRAVATE EXISTING DERMATITIS. BREATHING VAPOR MAY AGGRAVATE
ASTHMA.

*****EMERGENCY AND FIRST AID PROCEDURES*****
INHALATION: REMOVE TO FRESH AIR; SEEK MEDICAL ATTENTION AS NEEDED.
EYES: IMMEDIATELY FLUSH WITH WATER CONTINUOUSLY FOR AT LEAST 15 MINUTES
SEEK MEDICAL ATTENTION AS NEEDED.
SKIN: WASH WITH SOAP AND WATER; SEEK MEDICAL ATTENTION AS NEEDED FOR
HYPERSENSITIVITY
INGESTION: DO NOT INDUCE VOMITING. CALL PHYSICIAN AND SEEK MEDICAL ATTENTION
PROMPTLY TREAT PROMPTLY FOR THE PRESENCE OF INGREDIENTS (S) CITED
IN SEC II

SECTION VII PRECAUTIONS FOR SAFE HANDLING AND USE

DOT CLASSIFICATION: FLAMMABLE LIQUID

*****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED*****
SOAK UP SPILL WITH INERT MATERIAL SUCH AS: VERMICULITE, DRY CLAY ABSORBENT OR
CHEMSORB, WIPE UP SMALL SPILLS WITH A CLOTH OR TOWEL. PREVENT RUN-OFF FROM
ENTERING DRAINS, SEWERS OR RIVERS.

*****WASTE DISPOSAL*****
WASTE DISPOSAL SHOULD BE IN ACCORDANCE WITH EXISTING FEDERAL, STATE, AND LOCAL
ENVIRONMENTAL REGULATIONS

***** PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE*****
STORE IN A COOL, DRY AREA, AVOID FREEZING, SPARKS AND OPEN FLAMES KEEP CONTAINER
CLOSED WHEN NOT IN USE

*****OTHER PRECAUTIONS*****
WEAR SAFETY GOGGLES AT ALL TIMES WHEN USING THIS LIQUID TO AVOID THE POSSIBILITY
OF SPLASHING IN THE EYES

SECTION VIII CONTROL MEASURES

*****RESPIRATORY PROTECTION*****
AS NEEDED NIOSH APPROVED RESPIRATOR FOR ORGANIC DUSTS AND MISTS.

LOCAL EXHAUST: AS NEEDED
SPECIAL EXHAUST: NONE
MECHANICAL EXHAUST: NONE

***** OTHER PROTECTION*****

GLOVES: CHEMICAL RESISTANT
EYE PROTECTION: CHEMICAL SAFETY GOGGLES

*****CLOTHING*****

IMPERMEABLE APRON TO PREVENT THE STAINING OF CLOTHES.

*****WORK/HYGIENE PRACTICES *****

ALWAYS WASH THOROUGHLY AFTER HANDLING PRODUCT AND BEFORE EATING, DRINKING,
SMOKING OR USING THE RESTROOM.

THIS IS THE END OF THE MSDS ID #
ALCOHOL BASED PERMANENT MARKER INK BLACK 46-33-A1

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