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MATERIAL SAFETY DATA SHEET
                  F002-0689
                  21601
                                                                                                                                                FOR COATINGS, RESINS, AND RELATED MATERIALS (APPROVED BY THE U.S. DEPARTHENT OF LABOR AS "ESSENTIALLY SIMILAR" TO FORM OSHA-20) (MEETS REQUIREMENTS OF CFR 29 PART 1910.1200, OSHA'S HAZARD COMHUNICATION STANDARD)
                     Y221 SECTION 01 - MANUFACTURER AND PRODUCT INFORMATION
                                                                                                                                                                          TNEMEC COMPANY, INC.
123 WEST 23RD AVENUE DATE PRINTED: 11/04/96
NORTH KANSAS CITY, MO.
64116-3064 CURRENT FORMULA DATE: 01/05/96
                     MANUFACTURER.
                EMERGENCY TELEPHONE NO.: 816-474-1425 PREVIOUS FORMULA DATE:12/07/92 INFORMATION TELEPHONE NO.: 816-474-3400
                  TRADE NAME: SERIES 002 THEME-GLOSS
                     MANUFACTURER'S CODE IDENTIFICATION: F002-0689 COLOR: NATIONAL BLUE
                  PRODUCT CLASS: ALKYD
                     SECTION 02 - HAZARDOUS INGREDIENTS
              INGREDIENT: ALKYD RESIN
PERCENT BY WEIGHT: 47.990%
OCCUPATIONAL EXPOSURE LIMITS:
OCCUPATIONAL EX
              | DUPPOSES 
              CAS#: 13463-67-7
              Not applicable
INCREDIENT: MINERAL SPIRITS, AS STODDARD SOLVENT
PERCENT BY VOLUME, 57.460%
DECUPATIONAL EXPOSURE LIMITS:

ACCIH: TLV - TWA 100.000 PPM NO INFO AVAILABLE ACCIM: TLV - TWA 100.000 PPM NO INFO AVAILABLE ACCIM: TLV - TWA 100.000 PPM APPLICABLE ACCIM: TLV - TWA 100.000 PPM APPLICABLE ACCIM: TLV - TWA 100.000 PPM APPLICABLE ACCIM: TWA 100.000 PPM APPLICABLE ACCID: TWA
              INGREDIENT: XYLENE
PERCENT BY VOLUME: 1.190%
DCCUPATIONAL EXPOSURE LIMITS:
ACGIH: TLV - TWA 100.000 PPM
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CAS#: 1330-20-7
              F802-0689
                                                                                                                                                                                                                MATERIAL SAFETY DATA SHEET
                            ACGIH: TLV - STEL 150.000 PPM
ACGIH: TLV - C .000 NO INFO AVAILABLE
OSHA: PEL - TWA .000 PPM
OSHA: PEL - STEL 150.000 PPM
OSHA: PEL - C .000 NO INFO AVAILABLE
VAPOR PRESSURE: 5.100 NHH AT 20C
           The information contained in this section is considered confidential and proprietary and should be used only for safety and health purposes.

SECTION 03 - HEALTH HAZARD INFORMATION
EFFECTS OF OVEREXPOSURE:

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FFECTS OF OVEREXPOSURE:

ACUTE (SHORT TERN):

INHALATION - OVEREXPOSURE TO SOLVENT VAPORS OR SPRAY HIST MAY CAUSE:
Named and nepspiratory irritations aneshebitic effects, dizxiness,
resique, newsey, and headache.

INHALATION - OVEREXPOSURE TO FREE PICHENT DUST MAY CAUSE:
Coughing, wheezing, shortness of breath, restricted masal passages,
INHALATION - OVEREXPOSURE TO FREE PICHENT DUST MAY CAUSE:
Coughing, wheezing, shortness of breath, restricted masal passages,
INHALATION - OVEREXPOSURE TO FREE PICHENT DUST MAY CAUSE:
Coughing, wheezing, shortness of breath, restricted masal passages,
INHALATION - OVER REPEATED CONTACT MAY CAUSE:
Made of the Proposition of the State of th
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MATERIAL SAFETY DATA SHEET This product when mixed with other components acquires the hazards of all components. SECTION 04 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (F) (SETA FLASH CLOSED CUP): 100
LOWER EXPLOSIVE LIMIT (LEL): 1.00
LANDABLITY CLASSIFICATION:
OSHAR:
Combustible liquid - Class II
DOT Combustible liquid - Class II
DOT Combustible liquid - Class II
DOT Combustible liquid - Class II
LOWER COMBUSTION C SECTION 04 - FIRE AND EXPLOSION HAZARD DATA girectly into containers of burning liquid.

SECTION 05 - REACTIVITY DATA STABILITY:
Stable.
INCOMPATIBILITY (MATERIALS TO AVOID):
Strong oxidizing agents.
Bases:
Sases:
CONDITION:
South Control of Control
HAZARDOUS DECOMPOSITION PRODUCTS - FIRE, BURNING OR WELDING OF COATING
PRODUCTS HAY FORM:
HAZARDOUS POLYMERIZATION:
WILL NOT COCUP.
WHILE NOT CONTROL OF CONTROL
HAZARDOUS SECTION 06 - SPILL OR LEAK PROCEDURES SECTION 06 - SPILL OR LEAK PROCEDURES STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:
Remove all sources of ignition. Spills may be collected with inert,
absorbent material for proper disposal. Use non-sparking tools,
protective gloves, goggles and clothing, adequate ventilation, avoid
transfer bing of vapers and use respiratory protective devices.
Transfer bing of vapers and use respiratory protective devices.
Transfer bing of vapers and use respiratory protective devices.
Transfer bing of vapers and use respiratory protective devices.
WASTE DISPOSAL METHOD:

Bispose of in accordance with Federal, state, and local regulations
regarding pollution.

SECTION 07 - SAFE HANDLING AND USE INFORMATION RESPIRATORY PROTECTION.
Respiratory protective devices must be used when engineering and administration controls are not adequate to maintain Threshold Limit Values (TLV) and Permissible Exposure Limits (PEL) of airborne contaminants below the listed values for those hazardous regulations for respirator use (CFR 29, 1910.1346) whenever a respirator is used.

Particulate, chemical cartridge, air purifying half-mask respirators can be used within certain limitations; consult the respirator contaminant concentrations are unknown, the use of a NIOSH/MSHA approved fresh-air supplied respirator is mandatory.

VENTILATION:

VENTILATION:

VENTILATION:

VENTILATION:

Concentration in volume and pattern, should be provided the provided by the provided and general exhaust to keep the air contaminant concentration below current applicable OSHA Permissible Exposure E002-0689 MATERIAL SAFETY DATA SHEET PAGE: 4 DF 4 Limits (PEL) and ACGIH's Threshold Limit Values (TLV). Appropriventilation should be employed to remove hazardous decomposition products formed during welding or flame cutting operations of surfaces coated with this product. Having than air solvent vapors should be removed from lower levels of work area due to potential explosion hazard and all ignition sources (non-explosion proof equipment) should be eliminated if flammable mixtures will be encountered.

PROTECTIVE GLOWES:

EVE PROTECTION: EYE PROTECTION:
OTHER ROTE THE EQUIPMENT:
Use protective cream where skin contact is likely.
Use chemical resistant coveralls or apron to protect against skin and clothing contamination.
HYGENIC PRACTICES:
Wash hands and other contaminated skin areas with warm soap and water before eating. water perore gating.

SECTION 08 - SPECIAL PRECAUTIONS PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:
Store in dry area. Keep closures tight and upright to prevent
leakage. Do not store in high temperature areas or near fire or
open flame. Refer to product data sheet for recommended storage
temperature areas.
OTHER PRECAUTIONS: Do not use near heat, sparks, or open flame. Use approved grounding procedures. Prevent prolonged breathing of vapor or spray mist. Prevent contact with skin and eyes. Do not take internally. Keep out of reacher children Do not use or all the containers. The containers the containers that we have a container that we have been containered to the containers that we have been containered to the containers and the containers are consult product data sheet for proper application instructions.

SECTION 99 - PHYSICAL DATA BOILING RANGE (°F AT 760 MHHG): 280 - 395
VAPOR DENSITY: HEAVIER THAN AIR
WEIGHT PER GALLON: 53,372

* VOLATILE BY VOLUME: 54,372

* VOLATILE BY VOCUME: 55,672

* VOCUME: SLOWER - ETHYL ETHER
*VOC (LBS/GAL): 3.517

**SECTION 10 - OTHER INFORMATION For specific information regarding occupational safety and health standards, please refer to the Code of Federal Regulations, Title 29, Part 1910. 29, Part 1910.

To the best of our knowledge, the information contained herein is accurate. However, neither the Themac Company or any of its subsidiaries assume any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the solvenown especially of the user. All materials may present unknown hazards are described herein, we cannot guarantee that though certain neares are described herein, we cannot guarantee that these are the only hazards which exist.

SECTION 11 - RIGHT-TO-KNOW INFORMATION
 CAS NO.
 CHEMICAL NAME
 % BY WGT

 1330-20-7
 XYLENE
 1.080

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