Product ID:FILM ADHERENT,2147,T-700 MSDS Date:01/15/1990 FSC:6750 NIIN:00-469-5962 MSDS Number: BYGYJ === Responsible Party === Company Name:NAZ-DAR CO Address:1087 N NORTH BRANCH ST City:CHICAGO State:IL ZIP:60622-4234 Country:US Info Phone Num:312-943-8338 Emergency Phone Num:312-943-8338/800-424-9300(C HEMTREC) CAGE:76708 === Contractor Identification === Company Name: BADGER GRAPHIC SALES INC Address:1225 DELANGLADE ST Box:46 City:KAUKAUNA State:WI ZIP:54130-0046 Country:US Phone:414-766-9332 CAGE:0E4P0 Company Name: INDUSTRIAL ARTS SUPPLY CO (612-920-7393) Address:5724 W 36TH ST Box:UNKNOW City:MINNEAPOLIS State:MN ZIP:55416 Country:US Phone:612-920-7393 CAGE:9F681 Company Name:NAZDAR COMPANY Address:1087 N NORTH BRANCH ST Box:City:CHICAGO State:IL ZIP:60622-4292 Country:US Phone:312-943-8338;

800-736-7636 CAGE:76708 Company Name:SAX ARTS & CRAFTS SUB OF BEATRICE COMPANIES INC Address:2405 S CALHOUN RD Box:City:NEW BERLIN State:WI ZIP:53151 Country:US Phone:262-784-6880 CAGE:26290

Ingred Name:ETHYL ACETATE (CERCLA) CAS:141-78-6 RTECS #:AH5425000 Fraction by Wt: 41% Other REC Limits:NONE RECOMMENDED OSHA PEL:400 PPM ACGIH TLV:400 PPM; 9495 EPA Rpt Qty:5000 LBS DOT Rpt Qty:5000 LBS

Ingred Name:ISOPROPYL ALCOHOL (SAR A 313) CAS:67-63-0 RTECS #:NT8050000 Fraction by Wt: 27% Other REC Limits:NONE RECOMMENDED OSHA PEL:400 PPM ACGIH TLV:400 PPM/500STEL;9495

Ingred Name:VM & P NAPHTHA/PETROLEUM DISTILLATES CAS:64742-89-8 Fraction by Wt: 32% Other REC Limits:NONE RECOMMENDED OSHA PEL:5 MG/M3 AS OIL MIST ACGIH TLV:5 MG/M3 AS OIL MIST

Ingred Name:VOLATILE ORGANIC CONTENT AS LISTED ON MSDS: 6.80 LBS/GAL. RTECS #:9999999VC Other REC Limits:NONE RECOMMENDED OSHA PEL:NOT RELEVANT ACGIH TLV:NOT RELEVANT

LD50 LC50 Mixture:LD50 (ORAL, RAT) IS NOT KNOWN. Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO Health Hazards Acute and Chronic: TARGET ORGANS: EYE, SKIN, CNS, LIVER, KIDNEY, LUNG. ACUTE- EYE/SKIN: PRIMARY IRRITATION. MAY BE ABSORBED THROUGH SKIN. INHALE: ANESTHETIC, CNS DEPRESSION. REPEATED & PROLONGED OVEREXPOSURE BY INHALATION/ SKIN ABSORPTION MAY CAUSE LIVER, KID NEY& BLOOD DAMAGE. ORAL: MAY CAUSE VOMITING. ASPIRATION HAZARD. CHRONIC- DERMATITIS. Explanation of Carcinogenicity:NONE Effects of Overexposure: IRRITATION, DROWSINESS, DIZZINESS, NAUSEA, VOMITING, HEADACHE, WEAKNESS, ABDOMINAL DISCOMFORT, DRYNESS OF SKIN, DERMATITIS, ABDOMINAL PAIN, TEARING, BLURRED VISION Medical Cond Aggravated by Exposure: INDIVIDUALS WITH PRE-EXISTING DISEASES OF THE EYE, SKIN, RESPIRATORY TRACT, LIVER, KIDNEYS, CNS MAY HAVE INCREASED SUSCEPTIBILITY TO THE TOXICITY OF EXCESSIVE EXPOSURES.

First Aid:GET MEDICAL HELP IF SYMPTOMS PERSIST. INHALED:REMOVE TO FRESH AIR. PROVIDE CPR/OXYGEN IF NEEDED. EYES:FLUSH WITH WATER FOR 15 MINUTES, HOLDING EYELIDS OPEN. SKIN:WASH WITH SOAP & WATER. ORAL:DO NOT IN DUCE VOMITING. IF VOMITING OCCURS SPONTANEOUSLY, KEEP HEAD BELOW HIPS TO PREVENT ASPIRATION OF LIQUID INTO THE LUNGS. GET IMMEDIATE MEDICAL ATTENTION.

Flash Point Method:TCC

Flash Point:=-3.9C, 25.F

Lower Limits:1.2

Extinguishing Media: USE CARBON DIOXIDE, SAND, FOAM, DRY CHEMICAL. COOL FIRE-EXPOSED CONTAINERS WITH WATER.

Fire Fighting Procedures:WEAR PROTECTIVE CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard: VAPOR IS HEAVIER THAN AIR AND CAN TRAVEL CONSIDERABLE DISTANCE TO A SOURCE OF IGNITION AND FLASH BACK. CONTAINERS M

AY RUPTURE DUE TO VAPOR PRESSURE BUILDUP.

Spill Release Procedures:WEAR PROTECTIVE EQUIPMENT. ELIMINATE SOURCES OF IGNITION. VENTILATE AREA. CONTAIN AND PICK UP SPILL WITH NON-FLAMMABLE ABSORBENT SUCH AS SAND, EARTH, VERMICULITE OR NON-SPARKING TOOLS. PREVENT LIQUID FROM ENTERING SEWERS OR WATERWAYS.

Neutralizing Agent:NOT RELEVANT

Handling a

nd Storage Precautions:STORE IN COOL, VENTILATED AREA AWAY FROM SOURCES OF IGNITION. KEEP OUT OF REACH OF CHILDREN. DO NOT STORE ABOVE 120F.

Other Precautions: VERY FLAMMABLE. EMPTY CONTAINERS MAY RETAIN RESIDUE. FOLLOW ALL PRECAUTIONS. DO NOT GET IN EYES. DO NOT BREATHE VAPOR OR MIST. AVOID PROLONGED OR REPEATED SKIN CONTACT. WASH THOROUGHLY AFTER HANDLING. DO NOT TAKE INTERNALLY.

======= Exposure Controls/Personal Protection ==========

Respiratory Protection:IF

WORKING IN CONFINED AREAS, IF EXCESSIVE MISTING IS EXPECTED OR IF EXPOSURE MAY OR DOES EXCEED RECOMMENDED PERMISSIBLE EXPOSURE LIMITS (PEL), WEAR NIOSH-APPROVED RESPIRATORY PROTECTION FOR ORGANIC V APORS (REFER TO 29 CFR 1910.134). Ventilation: MECHANICAL (GENERAL AND/OR LOCAL EXHAUST, EXPLOSION-PROOF) VENTILATION TO MAINTAIN EXPOSURE BELOW TLV(S). Protective Gloves: NEOPRENE IF REPEATED CONTACT POSSIBLE Eve Protection: SAFETY GLASSES/CHEMICAL SPLASH GOGGLES Other Protective Equipm ent:EYE WASH STATION, SAFETY SHOWER, INDUSTRIAL-TYPE WORK CLOTHING, APRON Work Hygienic Practices: OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. WASH THOROUGHLY BEFORE EATING, DRINKING/SMOKING. Supplemental Safety and Health FORMULA AND/OR PERCENTAGE CHANGED. FOR PREVIOUS FORMULATION, SEE PNI A, SAME NSN.

HCC:F2 NRC/State Lic Num:NOT RELEVANT Boiling Pt:=65.C, 149.F Vapor Density:>1 Spec Gravity:0.816 Evaporation Rate & amp; Reference: