MATERIAL SAFETY DATA SHEET

PRODUCT NAME: DESIGN MASTER COLOR TOOL SPRAY - HMIS CODES: H

PRODUCT CODE: FLORAL-9

MANUFACTURER'S NAME: HYDROSOL INC.

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DATE PREPARED : 08-18-87

NAME OF PREPARER : ESP

REASON REVISED : UPDATE

*====== SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

| HAZARDOUS COMPONENTS | CAS NUMBER | OCCUPA OSHA PEL | ATIONAL EXPOSURE LIMITS ACGIH TLV | VAPOR PRESS | |
|----------------------------------|------------|--------------------|-----------------------------------|-------------|------------|
| ISOBUTYL ACETATE | 110-19-0 | 200 | 150 | 13.0 | 68F 5 |
| 2-PROPANOL, ISDPROPYL ALCOHOL | 67-63-0 | 400 | 400 | 33.0 | 68F < 5.C% |
| 2-BUTDIYETHANOL, GLYCOL ETHER EB | 111-76-2 | 50 | 25 | 0.6 | BF (5.0% |
| ETHANOL | 64-17-5 | 100C | 1000 | 40.0 | 66F < 5.0% |
| ETHYL ACETATE | 141-78=4 | 400 | 400 | 73.0 | 59F (5.0% |
| ACETONE | 67-64-1 | 1000 | 750 | 181.0 | BBF 160 |
| PROPANE | 74-98-6 | 1000 | ASPHYXIANT | 6350.0 | 58F 15 |

========= SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT: NOT APPLICABLE

SPECIFIC GRAVITY (H20=1):

EVAPORATION RATE: N/A

0.8

V.D.C.: N/A

SOLUBILITY IN WATER: SLIGHT TO MODERATE

APPEARANCE AND ODOR: AEROSOL PRODUCT

FLASH POINT: N/A

VAPOR DENSITY: N/A

METHOD USED: N/A

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 1.1% UPPER: 19.0%

EXTINGUISHING MEDIA: FOAM, ALCOHOL FOAM, CO2, DRY CHEMICAL, WATER FOG

SPECIAL FIREFIGHTING PROCEDURES

MATER SPRAY MAY BE INEFFECTIVE. WATER MAY BE USED TO COOL CONTAINERS TO FREVENT PRESSURE BUILD-UP AND EXPLOSION WHEN EX-POSED TO EXTREME HEAT. IF WATER IS USED. FOR MOZZLES PREFERRED. HEAR BOSGLES AND SELF-CONTAINED BREATHING APPARATUS.

UNUSUAL FIRE AND EXPLOSION HAZARDS

CLOSED CONTAINERS MAY EXPLODE FROM INTERNAL PRESSURE BUILD-UP WHEN EXPOSED TO EXTREME HEAT AND DISCHARGE CONTENTS. VAPOR ACCUMULATION CAN FLASH OR EXPLODE IF ISNITED. OVEREXPOSURE TO DECOMPOSITION PRODUCTS MAY CAUSE A HEALTH HAZARD. SYMPTOMS MAY NOT BE READILY APPARENT. OBTAIN MEDICAL ATTENTION.

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SECTION V - REACTIVITY DATA

STABILITY: STABLE CONDITIONS TO AVOID

PPLICATION TO HOT SURFACES. STORAGE ABOVE 120 DEG F. EXPOSURE TO OPEN FLAME.

NCOMPATIBILITY (MATERIALS TO AVOID)

FRONG OXIDIZING AGENTS.

MAZARDOUS DECOMPOSITION OR BYPRODUCTS

MY PRODUCE FUMES WHEN HEATED TO DECOMPOSITION. FUMES MAY CONTAIN CARBON MONOXIDE AND OXIDES OF NITROGEN.

MAZARDOUS POLYMERIZATION: WILL NOT OCCUR

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

ESPIRATORY IRRITATION, DIZZINESS, HEADACHE, NAUSEA, FATIGUE, DROWSINESS, IMPAIRED CO-ORDINATION, EYE WATERING.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE

IKIN: CONTACT MAY DRY THE SKIN; PROLENSED CONTACT MAY CAUSE IRRITION.

EYES: LIQUID OR VAPOR CAN IRRITATE.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

CAN BE ABSORBED THROUGH SKIN. SOLVENT ACTION CAN DRY AND DEFAT THE SKIN CAUSING SKIN TO CRACK, LEADING TO DERMATITIS.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

NOT A LIKELY ROUTE OF EXPOSURE. IF SHALLOHED, SEEK IMMEDIATE MEDICAL ADVICE AND/OR ATTENTION.

HEALTH HAZARDS (ACUTE AND CHRONIC)

ACUTE: EYE, SKIN, AND RESPIRATORY SYSTEM IRRITANT. NARCOTIC IN HIGH CONCENTRATIONS. SEVERE OVEREXPOSURE MAY CAUSE DAMAGE

TO THE BLOOD.

CHRONIC: REPORTS HAVE ASSOCIATED REPEATED AND PROLONGED OCCUPATIONAL EXPOSURE TO SOLVENTS WITH PERMANENT BRAIN AND NERV-

DUS SYSTEM AND OTHER INTERNAL ORGAN DAMAGE.

CARCINOGENICITY: NTP? NO IARC MONOGRAPHS? NO OSHA REGULATED? NO

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE

LIVER AND KIDNEY DISEASE, ANENIA, CORONARY DISEASE, PREGNANT WOMEN SHOULD AVOID EXPOSURE TO SOLVENTS.

EMERGENCY AND FIRST AID PROCEDURES

INHALATION: REMOVE TO FRESH AIR. ADMINISTER DAYGEN IF NEEDED. APPLY ARTIFICIAL RESPIRATION IF BREATHING HAS STOPPED. GET

MEDICAL ATTENTION.

SKIN: REMOVE CONTAMINATED CLOTHING AND WASH BEFORE REUSE. WIPE OFF WITH TOWEL. WASH, WITH SOAP AND WATER. BET MEDICAL AT-

TENTION IF IRRITATION PERSISTS.

EYES: WASH IMMEDIATELY WITH LARGE VOLUMES OF FRESH WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE =======

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

MYDID BREATHING VAPORS. VENTILATE AREA. REMOVE ALL SOURCES OF IGNITION. CLEAN UP AREA WITH ABSORBENT MATERIAL AND PLACE THE CLOSED CONTAINERS FOR DISPOSAL.

JASTE DISPOSAL METHOD

)ISPOSE OF IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS. BEFORE ATTEMPTING CLEAN UP, REFER TO OTHER SECTIONS OF THIS MSDS FOR HAZARD CAUTION INFORMATION.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

TTORE AND USE IN COOL, DRY, WELL-VENTILATED AREAS. DO NOT STORE ABOVE 120 DEB F. DO NOT PUNCTURE OR INCINERATE (BURN)
BANS. DO NOT STICK PIN, NAIL OR ANY DTHER SHARP OBJECT INTO OPENING ON TOP OF CAN. DO NOT SPRAY IN EYES. DO NOT TAKE INTERNALLY. SEE PRODUCT LABEL FOR ADDITIONAL INFORMATION.

OTHER PRECAUTIONS

MALL PRESSURIZED CONTAINERS OF FLAMMABLE PRODUCTS MAY BE STORED IN AREAS SUITABLE FOR ORDINARY COMBUSTIBLES WITH RE-PRECT TO CONSTRUCTION, DRAINAGE, CONTROL OF IGNITION SOURCES, AND VENTILATION EXCEPT THAT THEY SHOULD NOT BE STORED IN ASSEMENTS.

RESPIRATORY PROTECTION

JONE UNDER NORMAL USE. AVOID BREATHING VAPORS. IN RESTRICTED AREAS, USE APPROVED CHEMICAL/MECHANICAL FILTERS DESIGNED TO BEHOVE A COMBINATION OF PARTICLES AND VAPOR. IN CONFINED AREAS, USE APPROVED AIR LINE TYPE RESPIRATOR OR HOOD. SELF-CONTAINED BREATHING APPARATUS IS REQUIRED FOR VAPOR CONCENTRATIONS ABOVE PEL/TLV LIMITS.

VENTILATION

SUFFICIENT TO PREVENT INHALATION OF SOLVENT VAPORS. SENERAL DILUTION AND/OR LOCAL EXHAUST VENTILATION IN VOLUME OR PAT-TERN TO KEEP PEL/TLV OF MOST HAZARDOUS INGREDIENT BELOW ACCEPTABLE LINIT AND LEL BELOW STATED LINIT.

PROTECTIVE GLOVES

TONE UNDER NORMAL USE. SOLVENT RESISTANT GLOVES REQUIRED FOR PROLONGED OR REPEATED CONTACT.

EYE PROTECTION

KONE UNDER NORMAL USE; HOWEVER, USE OF SAFETY GLASSES WITH SPLASH GUARDS OR FULL FACE SHIELD IS RECOMMENDED.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT

IONE UNDER NORMAL USE; HOWEVER, USE OF SOLVENT RESISTANT APRONS OR OTHER CLOTHING IS RECCHMENDED.

40RK/HYGIENIC FRACTICES

IYE WASHES AND SAFETY SHOWERS IN THE WORKPLACE ARE RECOMMENDED.

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