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MATERIAL SAFETY DATA SHEET

Rec'd 3-12-93

FOR CHEMICAL EMERGENCY
SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT
CALL CHEMTREC - DAY OR NIGHT
TELEPHONE #: 800-424-9300

MSDS #: 52

PREPARATION DATE: 03/12/91

REPLACES DATE: NEW MSDS

PREPARED BY: RMB

SECTION 1 - PRODUCT IDENTIFICATION

MOLINE PAINT MFG.

221323 A NEW KOHLER CREAM BEIGE

RAABE PT# 32989-01

ACRYLIC ENAMEL AEROSOL SPRAY PAINT ARL3-W134A

SECTION II - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS #	WT. % LESS THAN	OCCUPATIONAL EXPOSURE LIMITS (TLV-TWA) (TLV-STEL)	VAPOR PRESSURE mmHg @ 20C	KNOWN OR SUSPECTED CARCINOGEN	SEC 313
SILICON DIOXIDE	7631-86-9	0-2	10 mg/M3 Total Dust	0.0	NO	NO
ACETONE	67-64-1	36	750 ppm 1000 ppm	181.7	NO	YES
MINERAL SPIRITS	64742-88-7	0-2	100 ppm NO INFO	8.0	NO	NO
PROPYLENE GLYCOL METHYL ETHER ACETATE	108-65-6	5-20	NONE EST. NONE EST.	3.8	NO	NO
XYLENE	1330-20-7	8-16	100 ppm 150 ppm	5.1	NO	YES
LIGHT AROMATIC SOLVENT NAPHTHA	64742-95-6	0-4	50 ppm NO INFO	10.0	NO	NO
ACRYLIC POLYMER	—	3-5	NOT HAZARDOUS	0.0	NO	NO
ALKYD RESIN	—	7-14	NOT HAZARDOUS	0.0	NO	NO
ALUMINUM FLAKE	7429-90-5	0-2	10 mg/m3 NO INFO	0.0	NO	YES
N-BUTYL ACETATE	123-86-4	0-2	150 ppm 200 ppm	15.0	NO	NO
N-BUTANE	106-97-8	8	800 ppm NO INFO	879.0	NO	NO
PROPANE	74-98-6	16	1000 ppm NO INFO	5637.0	NO	NO
ORGANIC & INORGANIC PIGMENTS	—	0-10	NOT HAZARDOUS	0.0	NO	NO

THIS PRODUCT CONTAINS ONE OR MORE MATERIALS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF THE EMERGENCY PLANNING AND THE COMMUNITY RIGHT-TO-KNOW ACTS OF 1986 AND OF 40 CFR 372

SECTION III - PHYSICAL DATA

BOILING RANGE: 31-344°F VAPOR DENSITY: HEAVIER THAN AIR SPECIFIC GRAVITY: 1.7608-1.8017
EVAPORATION RATE: FASTER THAN N-BUTYL ACETATE VOLATILE BY VOLUME: 85.7-90.7% VOLATILE BY WEIGHT: 77.5-85.7%
ODOR: SOLVENT ODOR APPEARANCE: OPAQUE LIQUID SOLUBILITY: UNKNOWN

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY CLASSIFICATION: FLASH POINT: < -25°F LOWER EXPLOSIVE LIMIT: 1.0%
OSHA: FLAMMABLE LIQUID - CLASS IA (TAGLABUE CLOSED CUP) UPPER EXPLOSIVE LIMIT: 12.8%
DOT: FLAMMABLE COMPRESSED GAS (SHIPPED UNDER CONSUMER COMMODITY ORM-D)

EXTINGUISHING MEDIA: DRY CHEMICAL CARBON DIOXIDE FOAM

UNUSUAL FIRE AND EXPLOSION HAZARDS: CONTENTS UNDER PRESSURE. DO NOT USE OR STORE NEAR SOURCES OF HEAT, SPARKS OR OPEN FLAME. KEEP AWAY FROM ANY SOURCE OF HEAT SUCH AS SUNLIGHT, HEATERS OR STOVES THAT COULD CAUSE THE CONTAINER TO BURST. DO NOT PUNCTURE OR INCINERATE. DO NOT CRUSH OR PLACE IN A GARBAGE COMPACTOR. DO NOT STORE ABOVE 120°F. AEROSOL CONTAINERS MAY EXPLODE WHEN EXPOSED TO EXTREME HEAT. PRODUCT VAPORS ARE HEAVIER THAN AIR AND MAY TRAVEL A LONG DISTANCE TO A SOURCE OF IGNITION AND FLASHBACK.

SPECIAL FIREFIGHTING PROCEDURES: FULL PROTECTIVE EQUIPMENT INCLUDING SELF-CONTAINED BREATHING APPARATUS TO AVOID INHALATION OF VAPORS SHOULD BE USED. WATER SPRAY SHOULD NOT BE USED EXCEPT TO KEEP DOWN VAPORS OR COOL CLOSED CONTAINERS TO PREVENT BUILD-UP OF PRESSURE. IF WATER IS USED, FOG NOZZLES ARE PREFERRED.

SECTION V - HEALTH HAZARD DATA

PRIMARY ROUTES OF ENTRY: INHALATION, DERMAL

EFFECTS OF ACUTE OVEREXPOSURE: INHALATION: EXPOSURE TO HIGH CONCENTRATIONS OF VAPORS MAY CAUSE DIZZINESS, BREATHING DIFFICULTY, HEADACHES OR RESPIRATORY IRRITATION. EXTREMELY HIGH CONCENTRATIONS MAY CAUSE DROWSINESS, SLEEPING, CONFUSION, UNCONSCIOUSNESS, COMA OR DEATH. HIGH CONCENTRATIONS OF VAPORS MAY BE IRRITATING TO THE THROAT AND LUNGS. PROLONGED INHALATION OF DUSTS CONTAINING FREE SILICA MAY RESULT IN THE DEVELOPMENT OF A DISABLING PULMONARY FIBROSIS (LUNG DISEASE) KNOWN AS SILICOSIS. SKIN CONTACT: REPEATED AND PROLONGED CONTACT WITH THE SKIN MAY CAUSE ALLERGIC DERMATITIS. MAY CAUSE SKIN IRRITATION. EYE CONTACT: MAY CAUSE EYE IRRITATION. INGESTION: MODERATELY TOXIC. MAY CAUSE STOMACH DISCOMFORT, NAUSEA, VOMITING, DIARRHEA, AND NARCOSIS.

EFFECTS OF CHRONIC OVEREXPOSURE: CHRONIC OVEREXPOSURE TO A COMPONENT OR COMPONENTS IN THIS MATERIAL HAS BEEN FOUND TO CAUSE THE FOLLOWING EFFECTS IN LABORATORY ANIMALS: KIDNEY DAMAGE, EYE DAMAGE, LIVER DAMAGE, ANEMIA. CHRONIC OVEREXPOSURE TO A COMPONENT OR COMPONENTS IN THIS PRODUCT HAS BEEN SUGGESTED AS A CAUSE OF THE FOLLOWING EFFECTS IN HUMANS: CARDIAC ABNORMALITIES. REPORTS HAVE ASSOCIATED REPEATED AND PROLONGED OVEREXPOSURE TO SOLVENTS WITH PERMANENT BRAIN AND NERVOUS SYSTEM DAMAGE.

SECTION V- HEALTH HAZARD DATA

MEDICAL CONDITIONS PRONE TO AGGRAVATION BY EXPOSURE: NONE GENERALLY RECOGNIZED.

EMERGENCY AND FIRST AID PROCEDURES: INHALATION OVEREXPOSURE: MOVE PERSON TO FRESH AIR. IF BREATHING STOPS, APPLY ARTIFICIAL RESPIRATION AND SEEK MEDICAL ATTENTION. EYE CONTACT: FLUSH WITH LARGE QUANTITIES OF WATER FOR AT LEAST 15 MINUTES. SKIN CONTACT: WASH AFFECTED AREA THOROUGHLY WITH SOAP AND WATER. SEEK MEDICAL ATTENTION. REMOVE CONTAMINATED CLOTHING. LAUNDRY CONTAMINATED CLOTHING BEFORE REUSE. INGESTION: SINCE THIS PRODUCT MAY CONTAIN MATERIALS WHICH CAN CAUSE LUNG DAMAGE IF ASPIRATED INTO THE LUNGS, THE DECISION WHETHER TO INDUCE VOMITING OR NOT MUST BE MADE BY A PHYSICIAN AFTER CAREFUL CONSIDERATION OF ALL MATERIALS INGESTED.

SECTION VI - REACTIVITY DATA

STABILITY: THIS PRODUCT IS STABLE UNDER NORMAL STORAGE CONDITIONS.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR UNDER NORMAL CONDITIONS.

HAZARDOUS DECOMPOSITION PRODUCTS: THERMAL DECOMPOSITION MAY PRODUCE CARBON DIOXIDE, CARBON MONOXIDE, AND UNIDENTIFIABLE ORGANIC MATERIALS.

CONDITIONS TO AVOID: AVOID CONTACT WITH HEAT, SPARKS, AND OPEN FLAME.

INCOMPATIBILITY: STRONG OXIDIZING AGENTS. ALUMINUM FLAKE CAN REACT VIOLENTLY WITH HALOGENATED HYDROCARBONS INCLUDING HALOGENATED FIRE EXTINGUISHING AGENTS. ALUMINUM FLAKE CAN ALSO REACT WITH SOME ACIDS, CAUSTIC SOLUTIONS.

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: REMOVE ALL SOURCES OF IGNITION. AVOID HEAT, SPARKS, FLAMES, AND ANYTHING WHICH COULD CAUSE FIRE. VENTILATE AREA OF SPILL AND ADJACENT LOW-LYING AREAS. AVOID BREATHING SOLVENT VAPORS. REMOVE WITH INERT ABSORBENT MATERIALS AND NON-SPARKING TOOLS.

WASTE DISPOSAL METHOD: PLACE IN CLOSED CONTAINERS. DISPOSE OF PRODUCT IN ACCORDANCE WITH LOCAL, COUNTY, STATE, AND FEDERAL REGULATIONS.

SECTION VIII - SAFE HANDLING AND USE INFORMATION

RESPIRATORY PROTECTION: IF WORKPLACE EXPOSURE LIMITS ARE EXCEEDED FOR ANY COMPONENT (SEE SECTION 2 FOR HAZARDOUS COMPONENTS AND EXPOSURE LIMITS), A NIOSH/OSHA APPROVED RESPIRATOR SUITABLE FOR COMPONENTS LISTED IS RECOMMENDED.

VENTILATION: SUFFICIENT VENTILATION, IN VOLUME AND PATTERN, SHOULD BE PROVIDED TO KEEP AIR CONTAMINATION BELOW CURRENT APPLICABLE OSHA PERMISSIBLE EXPOSURE LIMIT OR ACGIH'S TLV LIMIT.

PROTECTIVE GLOVES: CHEMICAL RESISTANT PLASTIC OR RUBBER GLOVES ARE RECOMMENDED FOR PROLONGED OR REPEATED CONTACT.

EYE PROTECTION: CHEMICAL GOGGLES WITH SIDE SHIELDS OR FACE SHIELD ARE RECOMMENDED IF CONTACT WITH EYES IS LIKELY.

OTHER PROTECTIVE EQUIPMENT: APPROPRIATE IMPERVIOUS CLOTHING IS RECOMMENDED IF PROLONGED OR REPEATED CONTACT IS LIKELY.

HYGIENIC PRACTICES: WASH HANDS BEFORE EATING OR SMOKING. SMOKE IN DESIGNATED AREAS ONLY.

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: STORE IN A COOL DRY AREA WITH VENTILATION SUITABLE FOR STORING MATERIALS SHOWN IN SECTION II. STORE IN A COOL PLACE AWAY FROM DIRECT SUNLIGHT OR ANY SOURCE OF IGNITION. DO NOT STORE AT TEMPERATURES ABOVE 120 DEGREES F.

OTHER PRECAUTIONS: INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING AND INHALING THE CONTENTS OF THIS PRODUCT CAN BE HARMFUL OR FATAL.

SECTION X - HMIS RATINGS

HEALTH: 2 FLAMMABILITY: 4 REACTIVITY: 0 PERSONAL PROTECTION: G

SECTION XI - DISCLAIMER

THE INFORMATION CONTAINED HEREIN IS, TO THE BEST OF OUR KNOWLEDGE AND BELIEF, ACCURATE. HOWEVER, SINCE THE CONDITIONS OF HANDLING AND USE ARE BEYOND OUR CONTROL, WE MAKE NO GUARANTEE OF RESULTS, AND ASSUME NO LIABILITY FOR DAMAGES INCURRED BY USE OF THIS MATERIAL. IT IS THE RESPONSIBILITY OF THE USER TO COMPLY WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS.