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SAFETY DATA SHEET

SDS FORM 8: SOLVENTBORNE ALKYD COATINGS WITH TRACE ETHYLBENZENE

The following Safety Data Sheet (SDS) is being provided pursuant to requirements of the Fed/OSHA (29 CFR 1910.1200) and Cal/OSHA (8 CCR 5194) Hazard Communication Standards. The health and hazards information given here is based on data believed to be accurate by Dunn-Edwards Corporation; we do not, however, assume any liability for the accuracy or completeness of this information. We neither suggest nor guarantee that any hazards mentioned are the only ones that may exist. All persons intending to rely on any recommendation, or to use any technique, equipment, or material mentioned should first satisfy themselves that they can meet all applicable safety and health standards.

The following SDS supersedes any previously issued SDS for each product covered. The reader is advised to destroy any obsolete SDS and refer only to this SDS. As permitted by OSHA, each SDS may apply to a class of products which have similar hazards and contents.

Products covered by this SDS are listed below:

9A: SYN-LUSTRO Semi-Gloss
10A: SYN-LUSTRO Gloss
42-53A: ENDURAGLOSS

74A: ARISTOGLO
E 22-1A: SUPER U-365

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FORM 8: SOLVENTBORNE ALKYD COATINGS WITH TRACE ETHYLBENZENE

SDS DATE: 01/11/2017

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT IDENTIFICATION:
SEE COVER PAGE FOR LIST OF PRODUCTS COVERED

MANUFACTURER: DUNN-EDWARDS CORPORATION
4885 EAST 52ND PLACE
LOS ANGELES, CA 90058-5507

PRODUCT TYPE: SOLVENTBORNE PAINT
RECOMMENDED USE: ARCHITECTURAL COATING

EMERGENCY PHONE: 1-800-222-1222
OTHER CALLS: (323) 826-2663
FAX NUMBER: (323) 826-2653

HMIS CODES: H F R PP
2 2 0 I



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SECTION 2: HAZARDS IDENTIFICATION

GHS CLASSIFICATION: FLAMMABLE LIQUIDS: CATEGORY 3 ACUTE TOXICITY (ORAL, DERMAL, VAPOR): CATEGORY 5
SKIN IRRITATION: CATEGORY 3 EYE IRRITATION: CATEGORY 2B
ASPIRATION HAZARD: CATEGORY 2 CARCINOGENICITY: CATEGORY 2
SPECIFIC TARGET ORGAN TOXICITY FOLLOWING REPEATED EXPOSURES: CATEGORY 2

GHS LABEL ELEMENTS: [NOTE: THIS CONSUMER PRODUCT IS EXEMPT FROM OSHA GHS-HCS LABELING REQUIREMENTS.]

SIGNAL WORD: (NONE REQUIRED) HAZARD STATEMENT: (NONE REQUIRED)

PICTOGRAM: (NONE REQUIRED)

PRECAUTIONARY STATEMENTS:

PREVENTION: KEEP AWAY FROM HEAT AND FLAME. AVOID BREATHING VAPORS OR SPRAY MIST. AVOID CONTACT WITH SKIN. CLOSE CONTAINER AFTER USE. IF SWALLOWED, DO NOT INDUCE VOMITING; CALL PHYSICIAN. KEEP OUT OF REACH OF CHILDREN.

RESPONSE: EXTINGUISH ALL IGNITION SOURCES, VENTILATE ENCLOSED AREAS. CLEAN UP SPILLS WITH INERT ABSORBENT MATERIAL, SUCH AS CLAY GRANULES, PAPER OR CLOTH WIPES. SEAL WASTE MATERIAL IN A METAL CONTAINER.

STORAGE & DISPOSAL: STORE IN A COOL, WELL-VENTILATED AREA, AWAY FROM HEAT, SPARKS, OR FLAME. DISPOSE OF CONTAINER AND CONTENTS IN ACCORDANCE WITH APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS.

HAZARDS NOT OTHERWISE CLASSIFIED: NFPA: COMBUSTIBLE LIQUID – CLASS II

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS:

CHEMICAL NAME	COMMON NAME / SYNONYMS	CAS NUMBER	CONCENTRATION (%WT)
PETROLEUM DISTILLATES	PAINT THINNER	08052-41-3	25-35%
ETHYLBENZENE	ETHYLBENZOL	00100-41-4	< 0.2%

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SECTION 4: FIRST-AID MEASURES

EYES: FLUSH EYES WITH FRESH WATER FOR AT LEAST 15 MINUTES.

SKIN: REMOVE ANY CONTAMINATED CLOTHING. WASH SKIN THOROUGHLY WITH SOAP AND WATER.

INGESTION: IF SWALLOWED, DO NOT INDUCE VOMITING. CALL EMERGENCY MEDICAL CARE..

INHALATION: MOVE VICTIM TO FRESH AIR.

MOST IMPORTANT SYMPTOMS AND EFFECTS: CONTACT MAY CAUSE IRRITATION TO EYES AND SKIN, VAPOR INHALATION MAY IRRITATE MUCOUS MEMBRANES AND RESPIRATORY TRACT. DIZZINESS, NAUSEA AND HEADACHE POSSIBLE.

NOTES TO FIRST AID PROVIDERS: CALL FOR MEDICAL ASSISTANCE IF SYMPTOMS PERSIST.

SECTION 5: FIRE-FIGHTING MEASURES

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

UNUSUAL FIRE AND EXPLOSION HAZARDS: LIQUID EVAPORATES AND FORMS INVISIBLE VAPOR THAT SPREADS ALONG HORIZONTAL SURFACES AND CAN BE IGNITED BY REMOTE SOURCES. CLOSED CONTAINERS CAN DEVELOP INTERNAL PRESSURE AND MAY RUPTURE WHEN SUBJECTED TO EXTREME HEAT.

HAZARDOUS COMBUSTION PRODUCTS: COMBUSTION CAN PRODUCE CARBON MONOXIDE AND/OR CARBON DIOXIDE.

SPECIAL EQUIPMENT & PRECAUTIONS: USE SELF-CONTAINED BREATHING APPARATUS IN CONFINED SPACES. AVOID SPREADING BURNING LIQUID WITH WATER FOG USED FOR COOLING PURPOSES.

SECTION 6: ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT, EMERGENCY PROCEDURES: WEAR SOLVENT-RESISTANT GLOVES TO AVOID SKIN CONTACT. EXTINGUISH ALL IGNITION SOURCES, VENTILATE ENCLOSED AREAS, KEEP PEOPLE AND PETS AWAY FROM SPILLED LIQUID. PREVENT LIQUID FROM ENTERING DRAINS.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEAN UP: DIKE SPILLED LIQUID WITH INERT MATERIAL, SUCH AS CLAY GRANULES. SCOOP UP EXCESS LIQUID AND POUR INTO CONTAINER. USE PAPER OR CLOTH WIPES TO CLEAN UP SMALL SPILLS. SEAL WASTE MATERIAL IN A METAL CONTAINER.

SECTION 7: HANDLING AND STORAGE

SAFE HANDLING PRECAUTIONS: KEEP CONTAINERS CLOSED WHEN NOT IN USE. DO NOT HANDLE OR USE NEAR HEAT, FLAME, OR SPARKS. NO SMOKING! SECURE LOADS AGAINST SHIFTING DURING TRANSPORTATION. USE ONLY AN APPROPRIATE TOOL TO OPEN CONTAINERS.

SAFE STORAGE CONDITIONS: STORE IN COOL, WELL-VENTILATED AREA. MAINTAIN TEMPERATURE BETWEEN 40°F AND 90°F. AVOID EXPOSURE TO DIRECT SUNLIGHT, HEAT OR FLAME. INSPECT CONTAINERS FOR LEAKS PERIODICALLY. ROTATE STOCK, USE OLDER MATERIAL FIRST.

INCOMPATIBILITIES: DO NOT HANDLE OR STORE NEAR WATER-REACTIVE MATERIALS, STRONG OXIDIZERS, ACIDS OR ALKALIS.

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SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

HAZARDOUS INGREDIENTS	CAS NUMBER	%WT	ACGIH TLV/TWA PPM	OSHA EXPOSURE LIMITS			VAPOR PRESS mmHg @ TEMP	
				TWA PPM	MG/M ³	STEL MG/M ³		
PETROLEUM DISTILLATES	08052-41-3	25-35	N/A	500	2000	N/A	N/A	2.0 @ 68° F
ETHYLBENZENE	00100-41-4	< 0.2	100	100	435	125	545	7.1 @ 68° F

ENGINEERING CONTROLS:	USE SIGNS OR BARRIERS TO RESTRICT ACCESS TO PAINTING WORK AREA.
VENTILATION :	NORMAL AIR CIRCULATION SHOULD BE SUFFICIENT. OTHERWISE, USE PORTABLE FANS. ENSURE ADEQUATE VENTILATION DURING APPLICATION, DRYING AND CURING OF PAINT.
RESPIRATORY PROTECTION:	FOR SPRAY APPLICATION, WEAR ORGANIC VAPOR RESPIRATOR (NIOSH/MSHA TC 23C OR EQUIVALENT). IF VAPOR CONCENTRATION EXCEEDS EXPOSURE LIMITS, USE AIR-SUPPLIED RESPIRATOR (NIOSH/MSHA TC 19C OR EQUIVALENT).
EYE PROTECTION:	USE SAFETY GLASSES, GOGGLES, OR FACE SHIELD TO PROTECT EYES.
SKIN PROTECTION:	USE IMPERMEABLE SOLVENT-RESISTANT GLOVES (LATEX, VINYL, RUBBER, OR NEOPRENE) TO AVOID SKIN CONTACT.
OTHER PROTECTIVE CLOTHING OR EQUIPMENT:	WATERPROOF HEADCOVERING AND GENERAL PROTECTIVE CLOTHING ARE RECOMMENDED FOR PROTECTION AS NECESSARY.
WORK HYGIENIC PRACTICES:	WASH HANDS AND FACE BEFORE EATING OR DRINKING. NO SMOKING!

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	OPAQUE LIQUID DISPERSION	VAPOR PRESSURE:	2.0 @ 68°F
ODOR:	PAINT THINNER ODOR	VAPOR DENSITY:	5 (AIR = 1)
ODOR THRESHOLD:	(NO INFORMATION AVAILABLE)	SPECIFIC GRAVITY:	1.3 (H2O = 1)
pH AS SUPPLIED:	N/A	SOLUBILITY IN WATER:	INSOLUBLE
FREEZING POINT:	-60° C / -76° F	PARTITION COEFFICIENT:	(NO INFORMATION AVAILABLE)
BOILING POINT:	177° C / 350° F	AUTO-IGNITION TEMP:	260° C / 500° F
FLASH POINT:	41° C / 105° F	DECOMPOSITION TEMP:	(NO INFORMATION AVAILABLE)
EVAPORATION RATE:	0.12 (BUTYL ACETATE = 1)	VISCOSITY:	85 – 100 KU
FLAMMABILITY:	LIQUID AND VAPOR	PERCENT SOLIDS:	BY VOL: 50-55% BY WT: 65-75%
UPPER EXPLOSIVE LIMIT:	6%	PERCENT VOLATILE:	BY VOL: 45-50% BY WT: 25-35%
LOWER EXPLOSIVE LIMIT:	1%		

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SECTION 10: STABILITY AND REACTIVITY

REACTIVITY: REACTIVITY NOT KNOWN TO OCCUR UNDER NORMAL CONDITIONS.

CHEMICAL STABILITY: STABLE UNDER NORMAL CONDITIONS.

POSSIBILITY OF HAZARDOUS REACTIONS: POLYMERIZATION WILL NOT OCCUR.

CONDITIONS TO AVOID: OPEN FLAME, HEAT, SPARKS, POOR VENTILATION.

INCOMPATIBLE MATERIALS: AVOID STRONG OXIDIZERS, ACIDS AND ALKALIS. MAY SOFTEN SOME RUBBER AND PLASTIC MATERIALS.

HAZARDOUS DECOMPOSITION PRODUCTS: COMBUSTION CAN PRODUCE CARBON MONOXIDE AND/OR CARBON DIOXIDE, ACROLEIN, SMOKE AND ACRID FUMES.

SECTION 11: TOXICOLOGICAL INFORMATION

LIKELY ROUTES OF EXPOSURE: INHALATION, INGESTION, SKIN AND EYE CONTACT

SYMPTOMS OF OVEREXPOSURE: CONTACT MAY CAUSE IRRITATION TO EYES AND SKIN, VAPOR INHALATION MAY IRRITATE MUCOUS MEMBRANES AND RESPIRATORY TRACT. DIZZINESS, NAUSEA AND HEADACHE POSSIBLE. ASPIRATION OF VOMIT INTO LUNGS MAY CAUSE CHEMICAL PNEUMONITIS.

DELAYED OR CHRONIC EFFECTS: LONG-TERM OVEREXPOSURE MAY CAUSE DAMAGE TO CENTRAL NERVOUS SYSTEM, EYES, SKIN, GASTROINTESTINAL TRACT, LIVER, SPLEEN, AND KIDNEYS.

NUMERICAL MEASURES OF TOXICITY: (NO INFORMATION AVAILABLE)

CARCINOGENICITY (ETHYLBENZENE): NTP? YES. IARC? YES. OSHA? NO. PROP 65? YES.

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: (NO INFORMATION AVAILABLE)

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: SEAL WASTE MATERIALS IN A METAL CONTAINER AND DISPOSE IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE, AND FEDERAL REGULATIONS. DRY, EMPTY CONTAINERS MAY BE RECYCLED OR DISPOSED OF AS ORDINARY TRASH.

RCRA HAZARD CLASS: D001 (IGNITABLE)

SECTION 14: TRANSPORT INFORMATION

INTERNATIONAL SHIPPING DESCRIPTION: PAINT, UN1263, 3, PG III

MAY BE CLASSED AS A COMBUSTIBLE LIQUID FOR U.S. GROUND TRANSPORTATION.

USPS MAILABILITY: AS PER SECTION 343.24, PUBLICATION 52

SPECIAL PRECAUTIONS: FOLLOW RECOMMENDED PROCEDURES FOR SAFE HANDLING AND STORAGE.

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SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS:

TSCA: ALL COMPONENTS ARE LISTED IN TSCA INVENTORY OR EXEMPT.

CERCLA: NOT LISTED AS A HAZARDOUS SUBSTANCE.

SARA TITLE III: NOT LISTED AS A HAZARDOUS SUBSTANCE.

311/312 HAZARD CATEGORIES: (NOT APPLICABLE)

313 REPORTABLE INGREDIENTS: (NOT APPLICABLE)

STATE REGULATIONS: CALIFORNIA PROPOSITION 65

SECTION 16: OTHER INFORMATION

DATE OF PREPARATION: JANUARY 11, 2017

PREPARER INFORMATION: DUNN-EDWARDS CORPORATION
ENVIRONMENTAL AFFAIRS DEPARTMENT
PHONE: (323) 826-2663

DISCLAIMER: THE INFORMATION CONVEYED ABOVE, ALTHOUGH OBTAINED FROM SOURCES WE CONSIDER RELIABLE, IS FURNISHED BY DUNN-EDWARDS CORPORATION WITHOUT ANY WARRANTY (WHETHER EXPRESS OR IMPLIED) AS TO ITS ACCURACY, ADEQUACY, OR APPLICABILITY TO ANY PARTICULAR NEEDS OR CIRCUMSTANCES.

CALIFORNIA PROPOSITION 65 WARNING:

THIS PRODUCT CONTAINS ETHYLBENZENE,
A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA
TO CAUSE CANCER.