

U.S. DEPARTMENT OF LABOR  
OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION

5/20/88  
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MATERIAL SAFETY DATA SHEET

\*\*\*\*\* SECTION I \*\*\*\*\*  
MANUFACTURER'S NAME & ADDRESS EMERGENCY PHONE NO. \*\*\*\*\* H M I S \*\*\*\*\*  
DUPLI-COLOR PRODUCTS 1-312-439-9600 HEALTH.....  
1601 Nicholas Blvd. FLAMMABILITY.....  
Elk Grove Village, IL 60007 REACTIVITY.....  
PERSONAL PROTECTION..

TRADE NAME .... DG-623 & DG-1623 AEROSOL IGNITION SPRAY  
FORMULA..... CODE 119-2 ACRYLIC

\*\*\*\*\* SECTION II - HAZARDOUS INGREDIENTS \*\*\*\*\*

.... RAW MATERIAL NAME..	% WT.	PEL PPM	TLV PPM	TLV MG/M3	LEL	..CAS #.
RESIN(S)	5.5	0	N/A	0	0.0	00000-00-
TOLUOL	25.1	200	100	375	1.2	00108-88-
ACETONE	45.9	1000	750	1780	2.6	00067-64-
ETHYL 3-ETHOXYPROPIONATE	3.1	0	50	0	1.0	00763-69-
PROPANE	10.2	1000	1000	1800	2.3	00074-98-
ISOBUTANE	10.2	1000	1000	1800	1.8	00075-28-

- PRODUCT IS LEAD FREE - TOTAL = 100.0 CALCULATED 03/02/88  
\* A DUST NUISANCE. A 0 for PEL or MG/M3 = NOT Established & 0 for LEL = NONE  
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Carcinogenicity: THIS PRODUCT IS NOT CONSIDERED TO BE A CARCINOGEN BY THE  
NATIONAL TOXICOLOGY PROGRAM, the INTERNATIONAL AGENCY for RESEARCH on CANCER  
or the OCCUPATIONAL SAFETY & HEALTH ADMINISTRATION.  
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\*\*\*\*\* SECTION III - PHYSICAL DATA \*\*\*\*\*

BOILING POINT = -25 DEG. F SPECIFIC GRAVITY(WATER=1) = -1  
VAPOR PRESSURE(mm Hg) = 2280 % VOLATILE by VOLUME = +/-85  
VAPOR DENSITY (AIR=1) = +1 EVAPORATION rate (BuAc=1) = -1  
SOLUBILITY in WATER = SLIGHT  
SOLUBILITY in WATER = NONE  
APPEARANCE & ODOR - TYPICAL OF PAINT AND LACQUER

\*\*\*\*\* SECTION IV - FIRE AND EXPLOSION HAZARD DATA \*\*\*\*\*

\* RED LABEL \* EXTREMELY FLAMMABLE \* FHSA Method (1500.45)  
FLASH POINT -20 deg SETAFLASH C.C. \* OSHA METHOD (1500.46)  
EXTINGUISHING MEDIA : Carbon dioxide or foam.  
SPECIAL FIRE FIGHTING PROCEDURES : Full protective equipment including self-  
contained breathing apparatus should be used. Water may be ineffective on  
fire but can be used to cool containers.  
UNUSUAL FIRE and EXPLOSION HAZARDS : Do not use near open flames. Do not  
puncture containers. Containers may explode when exposed to extreme heat.

\*\*\*\*\* SECTION V - HEALTH HAZARD DATA \*\*\*\*\*  
THRESHOLD LIMIT VALUE - See Section II  
EFFECTS of OVEREXPOSURE

ACUTE: In a confined area vapors in high concentrations are anesthetic. Overexposure may result in lightheadness and staggering gait. Also an irritant to skin & upper respiratory system.  
CHRONIC: Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage.

Medical Conditions Prone to Aggravation by Exposure: NONE ESTABLISHED.  
Routes of Entry: Inhalation: YES Skin: YES Ingestion: YES

**EMERGENCY and FIRST AID PROCEDURES**

IF INHALED: IF Affected, Remove from exposure. Restore breathing. Keep warm & quiet.  
IF on SKIN: Wash affected area thoroughly with soap & water. Remove contained clothing & launder before re-use.  
IF in EYES: Flush eyes with large amounts of water for 15 minutes. Get medical attention.  
IF SWALLOWED: CALL PHYSICIAN IMMEDIATELY. DO NOT INDUCE VOMITING.

\*\*\*\*\* SECTION VI - REACTIVITY DATA \*\*\*\*\*

STABILITY - Stable  
HAZARDOUS DECOMPOSITION PRODUCTS  
By fire: Carbon Dioxide, Carbon Monoxide  
HAZARDOUS POLYMERIZATION - Will Not Occur

\*\*\*\*\* SECTION VII - SPILL OR LEAK PROCEDURES \*\*\*\*\*

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED  
Remove all sources of ignition. Ventilate and remove with inert absorbent

WASTE DISPOSAL METHOD

Do not burn or incinerate. Dispose of in accordance with Federal, State and Local regulations regarding pollution.

\*\*\*\*\* SECTION VIII - PROTECTION INFORMATION \*\*\*\*\*

PRECAUTIONS TO BE TAKEN IN USE

Use only with adequate ventilation. Avoid breathing vapor and spray mist. Avoid contact with skin and eyes. Wash hands after using. Protect against dust which may be generated by sanding or abrading the dried film.

VENTILATION

Local exhaust preferable. General exhaust acceptable if the exposure to materials in Section II is maintained below applicable limits.

RESPIRATORY PROTECTION

To avoid breathing vapors or spray mist, open windows and doors or use other means to ensure fresh air entry during application and drying. If you experience eye watering, headaches or dizziness, increase fresh air or wear respiratory protection (NIOSH/MSHA TC 23C or equivalent) or leave the area.

PROTECTIVE GLOVES Wear solvent resistant gloves if desired.

EYE PROTECTION Wear chemical splash goggles, face shield, or safety spectacles with unperforated side shields.

\*\*\*\*\* SECTION IX - SPECIAL PRECAUTIONS \*\*\*\*\*

PRECAUTIONS TO BE TAKEN IN HANDLING and STORAGE

Vapors may ignite explosively. Prevent build-up of vapors. Keep from sparks, heat, flame or other heat sources. Do not smoke. Turn off pilot lights, stoves, heaters, electric motors, and other sources of ignition during use and until all vapors are gone. Do not puncture or incinerate (burn) container. Exposure to heat or prolonged exposure to sun may cause bursting. Do not expose to heat or store at temperatures above 120 degrees F. DO NOT DISCARD EMPTY CONTAINER IN HOME GARBAGE CONTAINER.

OTHER PRECAUTIONS

INTENTIONAL MISUSE BY DELIBERATE CONCENTRATING and INHALING THE CONTENTS MAY BE HARMFUL OR FATAL \* KEEP AWAY FROM CHILDREN \*