

MATERIAL SAFETY DATA SHEET

SECTION I

MANUFACTURER'S NAME	EMERGENCY TEL. NO.	REVISION	DATE
FLYNT PAINT PRODUCTS	(903)455-4546	11/4/94	
P.O.BOX.28 FM 118	INFORMATION TEL.NO.	© 1994 FLYNT	
GREENVILLE, TX 75403	(903)455-4577	PAINT PRODUCTS	

FLYNT ALUMINUM PAINT (BRIGHT FORMULA)
 FLYNT SILICONE ALUMINUM PAINT (HEAT RESISTANT FORMULA)

SECTION II

FLYNT BRIGHT ALUMINUM PAINT

CAS NO.	HAZARDOUS INGREDIENT	% RANGE BY WEIGHT	VAPOR PRESSURE	OSHA-PEL TWA STEL (ppm)	ACGIH TWA STEL (ppm)
7429-90-5	ALUMINUM FLAKE	10 - 15		15 mg/m3	10 mg/m3
8052-41-3	MINERAL SPIRITS	20 - 25	10 < @ 25C	100	100
64742-47-8	RULE66 MIN.SPIRITS	15 - 20	2.6 @ 68F	100	100
1330-20-7	XYLENE	3 - 8	25 @ 25C	100 125	100 125
61789-51-3	COBALT NAPHTHENATE	0.5% <	1mm @ 77F	none est	none est

VAPOR PRESSURE(mm Hg @ 20 C)- 3.9 VAPOR DENSITY - HEAVIER THAN AIR
 BOILING POINT (C @ 760 mm Hg)-139 EVAPORATION RATE - SLOWER THAN ETHER
 DENSITY(lb/gal-ASTM D1475) - 7.85 NON VOLATILE CONTENT (%wt) - 53.29
 PERCENT VOLATILE BY VOLUME - 46.7% at 110 C
 FLAMMABILITY CLASSIFICATION - COMBUSTIBLE LIQUID - CLASS II
 HMIS (NFPA) RATING (health-fire-reactivity) 2 2 1
 FLASHPOINT - 101 F

FLYNT HEAT RESISTANT ALUMINUM PAINT

CAS NO.	HAZARDOUS INGREDIENT	% RANGE BY WEIGHT	VAPOR PRESSURE	OSHA-PEL TWA STEL (ppm)	ACGIH TWA STEL (ppm)
7429-90-5	ALUMINUM FLAKE	15 - 20		15 mg/m3	10 mg/m3
8052-41-3	MINERAL SPIRITS	5 - 10	10 < @ 25C	100	100
1330-20-7	XYLENE	45 - 50	25 @ 25C	100 125	100 125
61789-51-3	COBALT NAPHTHENATE	0.5% <	1mm @ 77F	none est	none est

VAPOR PRESSURE(mm Hg @ 20 C)- 3.7 VAPOR DENSITY - HEAVIER THAN AIR
 BOILING POINT (C @ 760 mm Hg)-148 EVAPORATION RATE - SLOWER THAN ETHER
 DENSITY(lb/gal-ASTM D1475) - 8.70 NON VOLATILE CONTENT (%wt) - 47.80
 PERCENT VOLATILE BY VOLUME - 52.2% AT 110 C
 FLAMMABILITY CLASSIFICATION - FLAMMABLE LIQUID - CLASS IC
 HMIS (NFPA) RATING (health-fire-reactivity) 2 3 1
 FLASHPOINT - 83 F

SECTION III - FIRE AND EXPLOSION HAZARD DATA

EXTINGUISHING MEDIA -Carbon Dioxide, Dry Chemical, Foam -Class B Fire Extinguisher. DO NOT USE A WATER HOSE STREAM. DO NOT USE HALOGENATED EXTINGUISHING AGENTS.

UNUSUAL FIRE AND EXPLOSION HAZARDS - Keep containers tightly closed. Isolate from heat, electrical equipment, sparks, and open flame. Closed

containers may explode when exposed to extreme heat. Prevent buildup of vapors by opening all windows and doors to achieve cross-ventilation. Vapors may cause flash fire. Do not smoke. Application to hot surfaces requires special precautions. During emergency conditions over exposure decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.

SPECIAL FIRE FIGHT PROCEDURES - Full protective equipment including self contained breathing apparatus should be used. Water may be used to cool closed containers to prevent pressure build-up and possible autoignition explosion when exposed to extreme heat.

SECTION IV - HEALTH HAZARD DATA

ROUTES OF EXPOSURE - Exposure may be by inhalation and/or skin or eye contact, depending on conditions of use. To minimize exposure, follow recommendation for proper use, ventilation, and personal protective equipment. Avoid contact with skin, eyes, clothing. May be harmful if absorbed through skin. Use only with adequate ventilation. Do not breathe vapors or spray mist.

EFFECTS OF OVEREXPOSURE - Headache, dizziness, nausea, and loss of coordination are indications of excessive exposure to vapors or spray mists. Redness, and itching or burning sensation may indicate eye or excessive skin exposure.

EMERGENCY FIRST AID PROCEDURES - If INHALED: remove from exposure, rest breathing. Keep warm and quiet. If on SKIN, wash affected area thorough with soap and water. Remove contaminated clothing and launder before reuse. If in EYES, flush eyes with large amounts of water for 15 minutes. Get medical attention. If SWALLOWED, get medical attention. Never give anything by mouth to an unconscious person.

CHRONIC HEALTH HAZARDS - Prolonged overexposure to solvent ingredients in Section II may cause adverse effects to the liver, urinary, blood forming and cardio-vascular systems. Reports have associated repeated and prolonged overexposure to solvents with permanent brain damage and nervous system damage.

SECTION V - REACTIVITY DATA

INCOMPATIBILITY - Contamination with Water, Acids, or Alkalis can cause evolution hydrogen, which may dangerously increase pressures in closed containers. Avoid contact with strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS - By fire, Carbon Dioxide, Carbon Monoxide
HAZARDOUS POLYMERIZATION - Will not occur. STABILITY - stable

SECTION VI - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE OF RELEASE OR SPILL - Remove all sources of ignition. Ventilate and remove with inert absorbent.

WASTE DISPOSAL METHOD - Waste from this product may be hazardous as defined under RCRA 40 CFR 261. Waste must be tested for ignitability to determine the applicable EPA hazardous waste number. Incinerate in approved facility. Do not incinerate in closed container. Dispose of in accordance with Federal, State and Local regulations regarding pollution.

SECTION VII - 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. This coating may contain material classified as nuisance particulate (listed as Dust) which may be present at hazardous levels only during sanding or abrading of dried film. The applicable limits for nuisance dusts are ACGIH TLV 10 mg/m³ (total dust), OSHA PEL 15 mg/m³ (respirable fraction) applicable exposure limits. Refer to OSHA Standards 1910.94, 1910.107, 1910.108. Prevent the buildup of vapors by opening all windows and doors to achieve cross-ventilation. VAPORS MAY CAUSE FLASH FIRE. do not smoke. Extinguish all flames and pilot lights, and turn off stoves, heaters, electric motors and other sources of ignition during use until all vapors are gone.

RESPIRATORY PROTECTION - If personal exposure cannot be controlled below applicable limits by ventilation, wear a properly fitted organic vapor/particulate respirator approved by NIOSH/MSHA for protection against materials in Section II. Follow respirator manufacturer's directions for respirator use.

PROTECTIVE GLOVES - Wear gloves which are recommended by glove supplier for protection against materials in Section II.

EYE PROTECTION - Wear safety glasses with unperforated sideshields.

SECTION VIII - PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING - During use and until all vapors are gone: Keep area ventilated - Do not smoke - Extinguish all flames, pilot lights, and heaters. Turn off stoves, electric tools, and appliances, and any other sources of ignition. Consult NFPA Code. Use approved Bonding and Grounding procedures. Keep container closed when not in use, and store upright. Transfer only to approved containers with complete and appropriate labelling. Do not take internally. Keep out of reach of children.

OTHER PRECAUTIONS - Intentional misuse by deliberately concentrating and inhaling contents can be harmful or fatal. Do not store above 100 F for Bright formula, and 80 F for Heat Resistant formula. Use only non-sparking equipment to stir or shake paint. Avoid puncturing containers. Do not store near heat, sparks, or flame.

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