

MATERIAL SAFETY DATA SHEET  
FOR COATINGS, RESINS AND RELATED MATERIALS  
(Approved by U.S. Department of Labor 'Essentially Similar' to form OSHA-20)

PREPARED BY: IRWIN-WILLIAMS COMPANY  
200 Prospect Avenue N.W.  
Cleveland, Ohio 44115  
REPARATION: -86  
EMERGENCY TELEPHONE NO.: (216) 566-2917  
INFORMATION TELEPHONE NO.: (216) 566-2902

Section I -- PRODUCT IDENTIFICATION

AME: A-COLOR\* Toner  
NUMBERS AND COLORS:

1 Black	A60 R 1	Red
1 Green	A60 R 2	Red Oxide
1 Blue	A60 W 1	White
1 Raw Umber	A60 Y 1	Yellow
1 Violet	A60 Y 3	Yellow Oxide

Section II -- HAZARDOUS INGREDIENTS

INGREDIENT	% by WEIGHT	ACGIH-TLV	OSHA-PEL	UNITS	V.P.
Ethylene Glycol.	15-45	50		PPM	0.1
Hexylene Glycol.	0-5	50		PPM	

Section III -- PHYSICAL DATA

EVAPORATION RATE -- Slower than Ether	VAPOR DENSITY -- Heavier than Air
BOILING POINT (F) 368	% VOLATILE VOLUME 60-70
	WT/GAL 10-18

Section IV -- FIRE AND EXPLOSION HAZARD DATA

FLAME CLASSIFICATION: FLASH POINT >199 F PMCC LEL N.A.

HAZARD: Oxidizable, Dry Chemical, Alcohol Foam

FIRE AND EXPLOSION HAZARDS: Heat may cause closed containers to burst.

FIRE FIGHTING PROCEDURES: Protective equipment including self-contained breathing apparatus should be used. Water may be ineffective. If water is used, fog nozzles are preferable. Water may be used on closed containers to prevent pressure build-up and possible autoignition or when exposed to extreme heat.

A60 Series BLEND-A-COLOR\* Toner page 2

Section V -- HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE -- See Section II

EFFECTS OF OVEREXPOSURE: ACUTE: In a confined area vapors in high concentration are anesthetic. Overexposure may result in lightheadedness and staggering gait. Irritant to skin and upper respiratory system.

EMERGENCY AND FIRST AID PROCEDURES: If INHALED: If affected, remove from exposure. Restore breathing. Keep warm and quiet. If on SKIN: Wash affected area thoroughly with soap and water. Remove contaminated clothing and launder before re-use. If in EYES: Flush eyes with large amounts of water for 15 minutes. Get medical attention. If SWALLOWED: Never give anything by mouth to an unconscious person. Give conscious patient several glasses of water. If vomiting is not spontaneous, induce vomiting by having the patient gently touch the back of his throat with his finger. Keep airway clear. Seek medical attention.

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: Waste from this product is not hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Incinerate in approved facility. Do not incinerate closed container. 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 exposure limits. Refer to OSHA Standards 1910.94, 1910.107, 1910.108.

RESPIRATORY PROTECTION: If personal exposure cannot be controlled below applicable limits by ventilation, wear respiratory device approved by NIOSH/MSHA for protection against materials in Section II.

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

EYE PROTECTION: Wear safety spectacles with unperforated sideshields.

Continued on page 3

A60 Series BLEND-A-COLOR\* Toner page 3

Section IX -- PRECAUTIONS

DOL STORAGE CATEGORY -- 3B

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Keep container closed when not in use. Transfer only to approved containers with complete and appropriate labeling. Do not take internally. Keep out of the reach of children.

OTHER PRECAUTIONS: This coating contains materials classified as nuisance particulates, for example titanium dioxide, calcium carbonate, etc. (see ACGIH TLV List, Preface and Appendix D), which may be present at hazardous levels only during sanding or abrading of the dried film.

This Material Safety Data Sheet conforms to the Hazard Communication standard, 29 CFR 1910.1200(g)(4), for similar complex mixtures. The above information pertains to this product as currently formulated, and is based on the information available at this time. Addition of reducers or other additives to this product may substantially alter the composition and hazards of the product. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information.