



MATERIAL SAFETY DATA SHEET NPCA 1-84
FOR COATINGS, RESINS, AND RELATED MATERIALS
REPLACES NPCA 1-82

MANUFACTURER'S NAME

McCormick Paints
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EMERGENCY TELEPHONE NO.

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INFORMATION TELEPHONE NO.

1-301-770-3235

SECTION I – PRODUCT IDENTIFICATION

PRODUCT NUMBER: 33000 (33 Series)
PRODUCT NAME: Cote-All Corrosion Resistant Enamel Polyurethane Modified Alkyd
PRODUCT CLASS: Polyurethane Modified Alkyd Enamel

SECTION II – HAZARDOUS INGREDIENTS

INGREDIENT	PERCENT	OCCUPATIONAL EXPOSURE LIMIT		VAPOR PRESSURE
		TLV	PEL	
Hydrocarbon Solvent	40	118 ppm		2 mm at 68° F

SECTION III – PHYSICAL DATA

BOILING RANGE: 318° - 388° F
VAPOR DENSITY: HEAVIER LIGHTER THAN AIR
EVAPORATION RATE: FASTER SLOWER THAN ETHER
% VOLATILE VOLUME: 57 **WEIGHT/GALLON:** 10.7 Pounds
THEORETICAL VOC/VOS LESS THAN: 400 Gms/L, 3.5 lbs/gal

SECTION IV – FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY CLASS: OSHA Class II DOT Combustible Liquid
FLASH POINT: 108° F TCC LEL 1.0%

EXTINGUISHING MEDIA:
 FOAM "ALCOHOL" FOAM CO2
 DRY CHEMICAL WATER FOG OTHER

UNUSUAL FIRE AND EXPLOSION HAZARDS: Close Containers may explode when exposed to extreme heat. Keep away from heat, sparks and open flames.

SPECIAL FIREFIGHTING PROCEDURES: Water may be helpful applied as a spray or mist to cool closed containers. Use self contained breathing apparatus.

SECTION V – HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE:

Acute: Headache, dizziness, nausea, eye irritation.

Chronic: Loss of appetite, nose bleeds.

Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage.

Skin Contact: Prolonged or repeated liquid contact will dry skin, leading to irritation and dermatitis.

Eye Contact: Direct eye contact will cause eye irritation.

SECTION V – HEALTH HAZARD DATA (CONTINUED)

PRIMARY ROUTE(S) OF ENTRY: DERMAL INHALATION INGESTION

EMERGENCY AND FIRST AID PROCEDURES:

- Skin Contact:** Wash thoroughly with soap and water.
Eye Contact: Immediately flush eyes with plenty of water for at least 15 minutes; consult a physician.
Ingestion: Do not induce vomiting; call a physician; drink 1 or 2 glasses of water.
Inhalation: Remove to fresh air, restore breathing, and call a physician.
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SECTION VI – REACTIVITY DATA

STABILITY: UNSTABLE STABLE

HAZARDOUS POLYMERIZATION: MAY OCCUR WILL NOT OCCUR

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, CO₂, and smoke.

CONDITIONS TO AVOID: Heat, open flames, sparks.

INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizing agents.

SECTION VII – SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIALS ARE RELEASED OR SPILLED:

Remove all ignition sources. Keep people away. Remove with inert absorbent. Provide adequate ventilation.

WASTE DISPOSAL METHOD: Dispose of in accordance with local, state and federal regulations. Do not incinerate closed containers.

SECTION VIII – SAFE HANDLING AND USE INFORMATION

RESPIRATORY PROTECTION: Canister or air hose mask if TLV is exceeded. If material sprayed and TLV not exceeded use dust masks (NIOSH approved).

VENTILATION: Ventilate working spaces to below TLV.

PROTECTIVE GLOVES: Required for repeated or prolonged contact.

EYE PROTECTION: Face shield or goggles.

OTHER PROTECTIVE EQUIPMENT: Use chemical-resistant apron or other clothing if needed to avoid repeated or prolonged contact.

HYGIENIC PRACTICES: Wash hands before eating or using bathroom.

SECTION X – SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Keep containers closed when not in use. Avoid contact with skin and eyes. Provide adequate ventilation. Keep out of reach of children. Do not take internally. Avoid open flames, spark sources and high temperature areas.

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 present at hazardous levels only during spraying this coating or sanding or abrading of the dried film.