



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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INFORMATION TELEPHONE NO.

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SECTION I – PRODUCT IDENTIFICATION

PRODUCT NUMBER: 01198
PRODUCT NAME: McPolythane Clear Polyurethane Gloss Finish
PRODUCT CLASS: Alkyd Modified Polyurethane Varnish

SECTION II – HAZARDOUS INGREDIENTS

| INGREDIENT | PERCENT | OCCUPATIONAL EXPOSURE LIMIT | | VAPOR PRESSURE |
|--------------------------------------|---------|-----------------------------|------|----------------|
| | | TLV | PEL | |
| Hydrocarbon solvent CAS 8052-41-3 | 50.0 | 100 ppm | 1.0% | 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:** 7.4 Pounds
THEORETICAL VOC/VOS LESS THAN: 450 Gms/L, 1.3 lbs/gal

SECTION IV – FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY CLASS: OSHA Class II DOT Combustible Liquid
FLASH POINT: 105° F TCC LEL 1.0%
EXTINGUISHING MEDIA:
 FOAM "ALCOHOL" FOAM CO2
 DRY CHEMICAL WATER FOG OTHER

UNUSUAL FIRE AND EXPLOSION HAZARDS: Closed containers may explode when exposed to extreme heat. Keep away from heat, sparks, and open flames. Keep containers tightly closed when not in use. Vapors may travel along the ground or be moved by ventilation and ignited by heat, pilot lights or other ignition sources at locations distant from material handling point.

SPECIAL FIREFIGHTING PROCEDURES: Fight as volatile liquid fire. Use water to keep fire exposed containers cool to reduce pressure. Use self contained breathing apparatus.

SECTION V – HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE:

Inhalation: Vapors or spray mists may be irritating to the eye, nose, throat and mucous membranes of the respiratory tract producing symptoms of headache and/or nausea in poorly ventilated areas.

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: Can cause severe irritation, tearing, and blurred vision.

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; call a physician.

SECTION VI – REACTIVITY DATA

STABILITY: UNSTABLE STABLE

HAZARDOUS POLYMERIZATION: MAY OCCUR WILL NOT OCCUR

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, CO₂ smoke, possibly acrolein and oxides of nitrogen.

CONDITIONS TO AVOID: Heat, open flame, 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 unnecessary people away. Provide adequate ventilation. Contain spill and remove with inert material (sand, earth, absorbent). Keep spill out of sewers and open bodies of water.

WASTE DISPOSAL METHOD: Dispose of in accordance with local, state and federal regulations.

SECTION VIII – SAFE HANDLING AND USE INFORMATION

RESPIRATORY PROTECTION: None required if good ventilation is maintained except if product is sprayed, then use mask (NIOSH approved). If TLV is exceeded then use canister or air hose mask.

VENTILATION: Ventilate working spaces to below TLV.

PROTECTIVE GLOVES: Impervious 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 prevent repeated or prolonged contact. Eyewash facility, emergency shower.

HYGIENIC PRACTICES: Wash hands before eating or using bathroom.

SECTION IX – SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

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