



MATERIAL SAFETY DATA SHEET

140681 Part# MP6970-1
HI-PERF RED PRIMER, GAL #6970
60 ICI PAINTS

Buyer: Bernard W. Aubuchon Jr.

PROMASTER HI-PERF. ACRYLIC GLOSS INT/EXT

ICI Paints North America

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MP69XX

HAZARDS IDENTIFICATION (ANSI Section 3)

Primary route(s) of exposure: Inhalation, skin contact, eye contact, ingestion.

Effects of overexposure:

Inhalation: Irritation of respiratory tract. Prolonged inhalation may lead to mucous membrane irritation, dizziness and/or lightheadedness, headache, nausea, coughing, central nervous system depression, allergic response.

Skin contact: Irritation of skin. Prolonged or repeated contact can cause dermatitis. Possible sensitization to skin. Skin contact may result in dermal absorption of component(s) of this product which may cause headache, nausea, central nervous system depression.

Eye contact: Irritation of eyes. Prolonged or repeated contact can cause conjunctivitis, tearing of eyes, redness of eyes, severe eye irritation or burns, corneal injury.

Ingestion: Ingestion may cause mouth and throat irritation, drowsiness, dizziness and/or lightheadedness, headache, uncoordination, nausea, vomiting, diarrhea, gastro-intestinal disturbances, abdominal pain, central nervous system depression, intoxication, liver damage, kidney damage, reproductive system damage.

Medical conditions aggravated by exposure: Eye, skin, respiratory disorders asthma-like conditions

FIRST-AID MEASURES (ANSI Section 4)

Inhalation: Remove to fresh air. Restore and support continued breathing. Get emergency medical attention. Have trained person give oxygen if necessary. Get medical help for any breathing difficulty. Remove to fresh air if inhalation causes eye watering, headaches, dizziness, or other discomfort. Get medical attention if discomfort or irritation persists.

Skin contact: Flush from skin with water. Then wash thoroughly with soap and water. Remove contaminated clothing. Wash contaminated clothing before re-use. If irritation occurs, consult a physician.

Eye contact: Flush immediately with large amounts of water, especially under lids for at least 15 minutes. If irritation or other effects persist, obtain medical treatment.

Ingestion: If swallowed, obtain medical treatment immediately.

FIRE-FIGHTING MEASURES (ANSI Section 5)

Fire extinguishing media: Dry chemical or foam water fog. Carbon dioxide. Closed containers may explode when exposed to extreme heat or fire. Vapors are heavier than air and may travel long distances to a source of ignition and flash back. Vapors can form explosive mixtures in air at elevated temperatures. Closed containers may burst if exposed to extreme heat or fire. Destructive hazard. May decompose under fire conditions emitting irritant and/or toxic gases. In closed tanks, water or foam may cause frothing or eruption.

Fire fighting procedures: Water may be used to cool and protect exposed containers. Firefighters should use full protective clothing, eye protection, and self-contained breathing apparatus.

Hazardous decomposition or combustion products: Carbon monoxide, carbon dioxide, oxides of nitrogen, acid fumes, oxygen, toxic gases, smoke and soot. Propionaldehyde

ACCIDENTAL RELEASE MEASURES (ANSI Section 6)

Steps to be taken in case material is released or spilled: Comply with all applicable health and environmental regulations. Eliminate all sources of ignition. Ventilate area. Spills may be collected with absorbent materials. Evacuate all unnecessary personnel. Place collected material in proper container. Complete personal protective equipment must be used during cleanup. Sweep up material. Large spills - shut off leak if safe to do so. Dike and contain spill. Pump to storage or salvage vessels. Use absorbent to pick up excess residue. Keep salvagable material and rinse water out of sewers and water courses. Small spills - use absorbent to pick up residue and dispose of properly.

HANDLING AND STORAGE (ANSI Section 7)

Handling and storage: Store below 100F (38C). Keep away from heat, sparks and open flame. Keep from freezing. Keep container tightly closed in a well-ventilated area.

Other precautions: Use only with adequate ventilation. Do not take internally. Keep out of reach of children. Avoid contact with skin and eyes, and breathing of vapors. Wash hands thoroughly after handling, especially before eating or smoking. Keep containers tightly closed and upright when not in use. Avoid conditions which result in formation of inhalable particles such as spraying or abrading (sanding) painted surfaces. If such conditions cannot be avoided, use appropriate respiratory protection as directed under exposure controls/personal protection. Empty containers may contain hazardous residues. Ground equipment when transferring to prevent accumulation of static charge.

EXPOSURE CONTROLS/PERSONAL PROTECTION (ANSI Section 8)

Respiratory protection: Control environmental concentrations below applicable exposure standards when using this material. When respiratory protection is determined to be necessary, use a NIOSH/MSHA (Canadian 294.4) Approved elastomeric sealing - surface facemask respirator outfitted with organic vapor cartridges and paint spray (dust/mist) prefilters. Determine the proper level of protection by conducting appropriate air monitoring. Consult 29CFR 1910.134 For selection of respirators (Canadian 294.4).

Ventilation: Provide dilution ventilation or local exhaust to prevent build-up of vapors.

Personal protective equipment: Eye wash, safety shower, safety glasses or goggles. Impervious gloves, impervious clothing, face shield, apron.

STABILITY AND REACTIVITY (ANSI Section 10)

Under normal conditions: Stable see section 5 fire fighting measures

Materials to avoid: Oxidizers, acids, bases, Alkali metals, peroxides, nitric acid, hydrofluoric acid, caustics, Nitrates.

Conditions to avoid: Elevated temperatures, contact with oxidizing agent, storage near acids, freezing, sparks, open flame, ignition sources, extremes in temperature.

Hazardous polymerization: Will not occur

TOXICOLOGICAL INFORMATION (ANSI Section 11)

Supplemental health information: Contains a chemical that may be absorbed through skin. Notice reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. Other effects of overexposure may include toxicity to liver, kidney, lungs, blood, reproductive system.

Carcinogenicity: In 2-year feed studies of c.I. Pigment red 3, there was some evidence of carcinogenic activity in male rats (adrenal gland - benign pheochromocytomas) and female rats (hepatocellular adenomas). There was also some evidence of carcinogenic activity in male mice (adenomas of renal cortex and thyroid gland), but no evidence in female mice. The international agency for research on cancer (IARC) has classified carbon black as possibly carcinogenic to humans (group 2b) based on sufficient evidence in animals and inadequate evidence in humans.

Reproductive effects: No reproductive effects are anticipated

Mutagenicity: No mutagenic effects are anticipated

Teratogenicity: Prolonged ingestion of diethylene glycol monoethyl ether has resulted in fetal development abnormalities in rats and effects on fertility in mice.

ECOLOGICAL INFORMATION (ANSI Section 12)

No ecological testing has been done by ICI paints on this product as a whole.

The information contained herein is based on data available at the time of preparation of this data sheet when ICI Paints believes to be reliable. However, no warranty is expressed or implied regarding the accuracy of this data. ICI Paints shall not be responsible for the use of this information, or of any product, method or apparatus mentioned and you must make your own determination of its suitability and completeness for your own use, for the protection of the environment, and the health and safety of your employees and the users of this material. Complies with OSHA hazard communication standard 29CFR 1910.1200.

DISPOSAL CONSIDERATIONS

(ANSI Section 13)

REGULATORY INFORMATION

(ANSI Section 15)

Waste disposal: Dispose in accordance with all applicable regulations. Avoid discharge to natural waters.

As of the date of this MSDS, all of the components in this product are listed (or are otherwise exempt from listing) on the TSCA inventory. This product has been classified in accordance with the hazard criteria of the CFR (controlled products regulations) and the MSDS contains all the information required by the CFR.

Physical Data

(ANSI Sections 1, 9, and 14)

Product Code	Description	Wt. / Gal.	VOC gr. / ltr.	% Volatile by Volume	Flash Point	Boiling Range	HMS	DOT, proper shipping name
MP 6900	promaster hi-performance acrylic gloss interior/exterior -white tint base	10.32	234.08	65.78	none	212-453	*310	paint ** protect from freezing **
MP 6910	promaster hi-performance acrylic gloss safety orange	9.03	247.58	65.32	none	212-453	*310	paint ** protect from freezing **
MP 6918	promaster hi-performance acrylic gloss pastel tint base	10.03	243.37	66.76	above 200f	212-453	*310	paint ** protect from freezing **
MP 6920	promaster hi-performance acrylic gloss safety red	8.69	229.52	64.70	none	212-453	*310	paint ** protect from freezing **
MP 6925	promaster hi-performance acrylic gloss white	10.33	235.65	65.74	none	212-453	*310	paint ** protect from freezing **
MP 6930	promaster hi-performance acrylic gloss international orange	8.68	268.93	70.04	none	149-477	*310	paint ** protect from freezing **
MP 6940	promaster hi-performance acrylic gloss safety yellow	9.17	229.41	65.03	none	212-453	*310	paint ** protect from freezing **
MP 6951	promaster hi-performance acrylic gloss black	8.52	245.72	70.27	none	212-500	*310	paint ** protect from freezing **
MP 6960	promaster hi-performance acrylic gloss deep tint base	8.66	256.16	69.38	none	212-453	*310	paint ** protect from freezing **
MP 6967	promaster hi-performance acrylic gloss intermediate tint base	9.20	211.88	69.02	none	212-477	*310	paint ** protect from freezing **

Ingredients

Product Codes with % by Weight (ANSI Section 2)

Chemical Name	Common Name	CAS. No.	MP 6960	MP 6910	MP 6918	MP 6920	MP 6925	MP 6930	MP 6940	MP 6951	MP 6960	MP 6967
ethanol, 2-(2-methoxyethoxy)-	diethylene glycol	111-77-3	1-5	1-5	1-5	1-5	1-5	1-5	1-5	1-5	1-5	1-5
ethanol, 2-(2-butoxyethoxy)-	monomethyl ether diethylene glycol monobutyl ether	112-34-5	5-10	5-10	5-10	5-10	5-10	5-10	5-10	5-10	5-10	5-10
carbon black	carbon black	1333-86-4					20-30					10-20
titanium oxide	titanium dioxide	13463-67-7	20-30	1-5	10-20							5-10
butanamide, 2-((4-chloro-2-nitrophenyl)azo)-	c.i. pigment yellow 73	13515-40-7										5-10
n-(2-methoxyphenyl)-3-oxo-2-naphthalenol, 1-(4-methyl-2-nitrophenyl)azo-	pigment red 3	2425-95-6										1-5
propionic acid, 2-methyl-, monoisomer with 2,2,4-trimethyl-1,3-pentanediol	teranol	25265-77-4						1-5		1-5		1-5
2-naphthalenol, 1-(2,4-dinitrophenyl)azo-	dinitroaniline orange	3468-63-1		1-5				5-10				
1,2-propanediol	propylene glycol	67-59-5		1-5				1-5				
butanamide, 2-((2-methoxy-4-nitrophenyl)azo)-n-(2-methoxyphenyl)-3-oxo-	pigment yellow 74	6358-31-2		1-5								
distillates (petroleum), solvent-refined light paraffinic	deformer	64741-89-5								1-5		
water	water	7732-18-5	40-50	40-50	40-50	50-60	40-50	50-60	40-50	50-60	50-60	50-60
trade secret	trade secret	Sup. Conf.		1-5								
polyurethane resin	polyurethane resin	Sup. Conf.										
acrylic resin	acrylic resin	Sup. Conf.	20-30	20-30	20-30	20-30	20-30	20-30	20-30	20-30	20-30	20-30
petroleum derivatives	petroleum derivatives	Sup. Conf.						1-10				1-10

Chemical Hazard Data

(ANSI Sections 2, 8, 11, and 15)

Common Name	CAS. No.	ACGIH-TLX		OSHA-PEL		S.R. S1A	S2	S3	CC	H	M	N	I	O
		8-Hour TWA	STEL	8-Hour TWA	STEL									
diethylene glycol monomethyl ether	111-77-3	not est.	not est.	not est.	not est.	not est.	not est.	not est.	not est.	not est.	not est.	not est.	not est.	not est.
diethylene glycol monobutyl ether	112-94-5	not est.	not est.	not est.	not est.	not est.	not est.	not est.	not est.	not est.	not est.	not est.	not est.	not est.
carbon black	1333-86-4	3.5 mg/m3	not est.	3.5 mg/m3	not est.	not est.	not est.	not est.	not est.	not est.	not est.	not est.	not est.	not est.
titanium dioxide	13463-67-7	10 mg/m3	not est.	10 mg/m3	not est.	not est.	not est.	not est.	not est.	not est.	not est.	not est.	not est.	not est.
c.i. pigment yellow 73	13515-40-7	not est.	not est.	not est.	not est.	not est.	not est.	not est.	not est.	not est.	not est.	not est.	not est.	not est.
pigment red 3	2425-85-6	10 mg/m3	not est.	10 mg/m3	not est.	not est.	not est.	not est.	not est.	not est.	not est.	not est.	not est.	not est.
hexanol	25255-77-4	not est.	not est.	not est.	not est.	not est.	not est.	not est.	not est.	not est.	not est.	not est.	not est.	not est.
dinitroaniline orange	3488-53-1	not est.	not est.	not est.	not est.	not est.	not est.	not est.	not est.	not est.	not est.	not est.	not est.	not est.
propylene glycol	57-55-6	not est.	not est.	not est.	not est.	not est.	not est.	not est.	not est.	not est.	not est.	not est.	not est.	not est.
pigment yellow 74	6388-31-2	not est.	not est.	not est.	not est.	not est.	not est.	not est.	not est.	not est.	not est.	not est.	not est.	not est.
defoamer	64741-69-5	5 mg/m3	10 mg/m3	5 mg/m3	10 mg/m3	not est.	not est.	not est.	not est.	not est.	not est.	not est.	not est.	not est.
trade secret	Sup. Conf.	not est.	not est.	not est.	not est.	not est.	not est.	not est.	not est.	not est.	not est.	not est.	not est.	not est.
polyurethane resin	Sup. Conf.	not est.	not est.	not est.	not est.	not est.	not est.	not est.	not est.	not est.	not est.	not est.	not est.	not est.
petroleum derivatives	Sup. Conf.	not est.	not est.	not est.	not est.	not est.	not est.	not est.	not est.	not est.	not est.	not est.	not est.	not est.

Footnotes:

C=Ceiling - Concentration that should not be exceeded, even instantaneously.
 S=Skin - Additional exposure, over and above airborne exposure, may result from skin absorption.
 NA=not applicable
 not est.=not established
 CC=CERCLA Chemical

part=parts per million
 mg/m3=milligrams per cubic meter
 Sup. Conf.=Supplier Confidential

S2=Sara Section 302 EHS
 S3=Sara Section 313 Chemical
 S.R. S1A =Supplier Recommended Standard

H=Hazardous Air Pollutant, M=Marine Pollutant
 P=Pollutant, S=Severe Pollutant
 C=Carcinogenically Listed By:
 N=NTP, I=IARC, O=OSHA, Y=yes, n=no