

MATERIAL SAFETY DATA SHEET



Automotive Finishes

THE MARTIN-SENOUR CO.
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CLEVELAND, OH 44115

EMERGENCY TELEPHONE NO. (216) 566-2917
INFORMATION TELEPHONE NO. (216) 566-2902
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Spray Paints

7800/N5

SECTION II CAS No. HAZARDOUS INGREDIENT (percent by weight)		ACGIH TLV <STEL>	OSHA PEL <STEL>	Units	Vapor Pressure (mm Hg)	7863 School Bus Yellow	7865 Lt. Gray Primer	7866 Swift Red	7867 Brite Aluminum	7868 Quik Seal Primer	7869 Zinc Rich CG Primer	7870 Flexible Primer/Surf	7871 NAPA Yellow	7872 Peanut Beige	7873 Black Trim Paint	7874 Underhood Black
74-98-6	Propane		1000	PPM	760.0	14	14	15	15	15	15	14	14	14		14
106-97-8	Butane	800	800	PPM	760.0	13	13					13	13	13	10	13
64742-89-8	Lt. Aliphatic Hydrocarbon Solvent.	100	100	PPM	53.0				5							
64742-89-8	V. M. & P. Naphtha.	300	300 <400>	PPM	12.0						1					
108-88-3	§ Toluene.	50	100 <150>	PPM (Skin)	22.0		17	3	4			12	27	4	6	
100-41-4	§ Ethylbenzene	100 <125>	100 <125>	PPM	7.1	4				2	1	1	2	3		3
1330-20-7	§ Xylene.	100 <150>	100 <150>	PPM	5.9	25		3	2	11	8	6	9	16		18
64742-95-6	Light Aromatic Hydrocarbons.	Not Established			3.8					2						
108-67-8	1,3,5-Trimethylbenzene	25	25	PPM	10.0					2						
95-63-6	§ 1,2,4-Trimethylbenzene	25	25	PPM	2.0					3						
67-63-0	2-Propanol	400 <500>	400 <500>	PPM	33.0		1	2				2				
78-83-1	2-Methyl-1-propanol	50	50	PPM	8.7			1	2							
67-64-1	Acetone.	750 <1000>	750 <1000>	PPM	180.0	23	34	47	49	40		29	16	29	36	20
78-93-3	§ Methyl Ethyl Ketone.	200 <300>	200 <300>	PPM	70.0			5	3		34				16	10
108-10-1	§ Methyl Isobutyl Ketone.	50 <75>	50 <75>	PPM	16.0										5	
763-69-9	Ethyl 3-Ethoxypropionate.	Not Established			1.1			7	5						10	
123-86-4	n-Butyl Acetate.	150 <200>	150 <200>	PPM	10.0			6								
110-19-0	Isobutyl Acetate.	150	150	PPM	12.5		5		7			5				
Unknown	Epoxy Polymer.	Not Established									3					
7440-66-6	§ Zinc	Not Established									36					
14807-96-6	Talc	2	2	Mg/M3	as Resp Dust		9			4		10				5
471-34-1	Calcium Carbonate.	10	15[5]	Mg/M3	[Resp. Fraction]					4						5
13463-67-7	Titanium Dioxide.	10	10[5]	Mg/M3	[Resp. Fraction]	2	1			6		1		8		
11103-86-9	Potassium Zinc Chromate.	0.01			Mg/M3					0.6						
	§ Zinc Compound [% Zinc]									0.6 [0.2]	36 [36]					
	§ Chromium Compound [% Chromium]									0.6 [0.1]						
	Volatile Organic Compounds (VOC) - Percent by Weight					57.7	50.4	44.0	45.8	35.2	59.9	53.0	66.2	50.6	57.2	58.6
	Flash Point (°F)					-20	-20	-20	-20	-20	-20	-20	-20	-20	-20	-20

§ Ingredient subject to reporting requirements Superfund Amendment Reauthorization Act Section 313, 40 CFR

Section III — PHYSICAL DATA

PRODUCT WEIGHT - N.A.	EVAPORATION RATE -	Faster than Ether
SPECIFIC GRAVITY - N.A.	VAPOR DENSITY -	Heavier than Air
BOILING RANGE - <0-360 °F	MELTING POINT -	N.A.
VOLATILE VOLUME - >75 %	SOLUBILITY IN WATER -	N.A.

Section IV — FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY CLASSIFICATION FLASH POINT <0 °F PMCC LEL 0.7 UEL 10.0

RED LABEL - Extremely Flammable, Flash below 21 °F

EXTINGUISHING MEDIA

Carbon Dioxide, Dry Chemical, Foam

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. Application to hot surfaces requires special precautions. During emergency conditions overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.

SPECIAL FIRE FIGHTING PROCEDURES

Full protective equipment including self-contained breathing apparatus should be used. Water spray may be ineffective. If water is used, fog nozzles are preferable. Water may be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat.

Section V — HEALTH HAZARD DATA

ROUTES OF EXPOSURE

Exposure may be by INHALATION and/or SKIN or EYE contact, depending on conditions of use. Alcohols and acetates can be absorbed through the skin. Follow recommendations for proper use, ventilation, and personal protective equipment to minimize exposure.

ACUTE Health Hazards

EFFECTS OF OVEREXPOSURE

Irritation of eyes, skin and respiratory system. May cause nervous system depression. Extreme overexposure may result in unconsciousness and possibly death.

SIGNS AND SYMPTOMS 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.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE

None generally recognized.

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. DO NOT INDUCE VOMITING. Give several glasses of water. Seek medical attention.

CHRONIC Health Hazards

7868 Quik Seal Primer contains Chromate. Chromates are listed by IARC and NTP. Studies have associated exposure to Chromium VI compounds with an increased risk of respiratory cancer.

No other ingredient in these products is an IARC, NTP, or OSHA listed carcinogen.

Prolonged and repeated exposure to Hexane may cause damage to nerve tissue of the arms and legs (peripheral neuropathy), resulting in muscular weakness and loss of sensation. This effect may be increased by the presence of Methyl Ethyl Ketone.

Methyl Ethyl Ketone may increase the nervous system effects of other solvents.

Prolonged overexposure to solvent ingredients in Section II may cause adverse effects to the liver, urinary, blood forming, cardio-vascular, and reproductive systems.

Rats exposed to titanium dioxide dust at 250 mg./m3 developed lung cancer, however, such exposure levels are not attainable in the workplace.

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

Section VI — REACTIVITY DATA

STABILITY - Stable

CONDITIONS TO AVOID

None known.

INCOMPATIBILITY -- None known.

HAZARDOUS DECOMPOSITION PRODUCTS

By fire: Carbon Dioxide, Carbon Monoxide, Oxides of Metals in Section II

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 these product may be hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Waste must be tested for ignitability to determine the applicable EPA hazardous waste numbers. Waste from products containing Methyl Ethyl Ketone or Potassium Zinc Chromate may also require testing for extractability.

Do not incinerate. Depressurize 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.

These coatings may contain materials classified as nuisance particulates (listed "as Dust" in Section II) which may be present at hazardous levels only during sanding or abrading of the dried film. If no specific dusts are listed in Section II, the applicable limits for nuisance dusts are ACGIH TLV 10 mg./m3 (total dust), 3 mg/m3 (respirable fraction), OSHA PEL 15 mg./m3 (total dust), 5 mg./m3 (respirable fraction).

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 a properly fitted organic vapor/particulate respirator approved by NIOSH/MSHA for protection against materials in Section II.

When sanding, wirebrushing, abrading, burning or welding the dried film, wear a particulate respirator approved by NIOSH/MSHA for protection against non-volatile 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.

Section IX — PRECAUTIONS

DOL STORAGE CATEGORY - 1A

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Contents are EXTREMELY FLAMMABLE. Keep away from heat, sparks, and open flame.

Vapors will accumulate readily and may ignite explosively.

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.

Contents under pressure. Do not puncture, incinerate, or expose to temperature above 120 °F. Heat from sunlight, radiators, stoves, hot water, and other heat sources could cause container to burst. Do not take internally. Keep out of the reach of children.

OTHER PRECAUTIONS

Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal.

Section X — OTHER REGULATORY INFORMATION

CALIFORNIA PROPOSITION 65

WARNING: These products, except for 7834, 7835, 7874, 7917, 7918, 7935, 7960, 7962, 7964, 7965 and 7966 contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. 7834, 7835, 7874, 7918 and 7935 contain a chemical(s) known to the State of California to cause cancer. 7960, 7962, 7964, 7965 and 7966 contain a chemical(s) known to the State of California to cause birth defects or other reproductive harm.

TSCA CERTIFICATION

All chemicals in these products are listed, or are exempt from listing, on the TSCA Inventory.

The above information pertains to these products 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.

covers MSDS pages 7800/N1 to 7800/N10