

**MATERIAL SAFETY DATA SHEET**

Automotive Finishes

THE MARTIN SENOUR CO.  
101 PROSPECT AVE. N.W.  
CLEVELAND, OH 44115

EMERGENCY TELEPHONE NO. (216) 566-2917  
INFORMATION TELEPHONE NO. (216) 566-2902  
DATE OF PREPARATION 1 - NOVEMBER - 97

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**Body Fillers****FIL/N**

SECTION II CAS No. HAZARDOUS INGREDIENT (percent by weight)	ACGIH TLV <STEL>	OSHA PEL <STEL>	Units	Vapor Pressure (mm Hg)	6369	6370	6370T 6370TS	6371	6372	6372T 6372TL	6374 Part A Part B	6378 Part A Part B
					FIBRE-HAIR™ Body Filler	MICRO-LITE® Body Filler	MICRO-LITE® Hardener	FIBRE-STRAND® Body Filler	CUZ® Body Filler	CUZ® Hardener	U-Fix-It Kit™ Body Filler Hardener	TEC® Non-Staining Body Filler Hardener
100-42-5 § Styrene	50 <100>	50 <100>	PPM	4.3	20-25	15-20		15-20	15-20		15-20	15-20
14807-96-6 Talc	2	2	Mg/M3	as Resp. Dust	40-45	40-45		55-60	55-60		40-45	40-45
471-34-1 Calcium Carbonate	10	10[5]	Mg/M3	as Dust [Resp. Fraction]		5-10					5-10	5-10
13463-67-7 Titanium Dioxide	10	15[5]	Mg/M3	as Dust [Resp. Fraction]								<5
94-36-0 § Dibenzoyl Peroxide	5	5	Mg/M3				49			49	49	49
65997-17-3 Fibrous Glass Dust	10	5	Mg/M3		<2			<2				
Weight per Gallon (lbs.)					13.3	9.95	10.0	14.4	14.3	10.0	9.95	10.0
VOC - Total Volatile Organic Compounds (lbs./gal.)					3.0	2.0	0.0	2.9	2.9	0.0	2.0	0.0
VOC - Less Water and exempt Solvents (lbs./gal.)					3.0	2.0	0.0	2.9	2.9	0.0	2.0	0.0
Photochemically Reactive					Yes	Yes	No	Yes	Yes	No	Yes	No
Flash Point (°F)					88	97	184	88	93	184	97	184
Flammability Classification (Flammable - Combustible - Not Applicable)					Flam	Flam	Comb	Flam	Flam	Comb	Flam	Comb
DOL Storage Category					1C	1C	3A	1C	1C	3A	1C	3A
HMIS® Ratings (Health - Flammability - Reactivity)					2*-3-2	2*-3-2	2-2-1	2*-3-2	2*-3-2	2-2-1	2*-3-2	2-2-1

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§ Ingredient subject to the reporting requirements of the Superfund Amendments and Reauthorization Act (SARA) Section 313, 40 CFR 372.65 C

## Section III — PHYSICAL DATA

*SPECIFIC GRAVITY* — 1.1-1.7  
*BOILING RANGE* — 293-294 °F  
*VOLATILE VOLUME* — 0-25  
*SOLUBILITY IN WATER* — N.A.

*EVAPORATION RATE* — Slower than Ether  
*VAPOR DENSITY* — Heavier than Air  
*MELTING POINT* — N.A.

## Section IV — FIRE AND EXPLOSION HAZARD DATA

*FLAMMABILITY CLASSIFICATION*      *FLASH POINT* See TABLE      *LEL* 1.1      *UEL* 6.1  
See TABLE  
*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.  
*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. To minimize exposure, follow recommendations for proper use, ventilation, and personal protective equipment.  
*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: Give several glasses of water. Seek medical attention.  
*CHRONIC Health Hazards*  
Styrene is listed by IARC as a possible human carcinogen based on "inadequate evidence" in humans, "limited evidence" in animals, and the fact that it is metabolized to styrene oxide, which has been shown to induce cancer in animals. However, studies of humans exposed for long periods of time to styrene have not demonstrated any carcinogenic effect.  
Rats exposed to titanium dioxide dust at 250 mg./m<sup>3</sup> 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*  
These products should be stored in cool areas (below 90 °F) away from sources of heat.  
*INCOMPATIBILITY*  
Avoid any contamination of body fillers with polymerization catalysts such as peroxides and strong acids.  
Do not put any mixed material back into the can of unmixed filler.  
*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 these products may be hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Waste from unreacted body filler or unreacted hardener would be considered hazardous because it exhibits reactive characteristics under RCRA. Waste from unreacted body filler must be tested for ignitability to determine the applicable EPA hazardous waste number. Properly catalyzed body filler would not be considered a hazardous waste as defined by RCRA.  
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.  
These products 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./m<sup>3</sup> (total dust), 3 mg./m<sup>3</sup> (respirable fraction), OSHA PEL 15 mg./m<sup>3</sup> (total dust), 5 mg./m<sup>3</sup> (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 or abrading the dried film, wear a dust/mist respirator approved by NIOSH/MSHA for dust which may be generated from this product or the abrasive.  
*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* ==> See TABLE  
*PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING*  
Keep away from heat, sparks, and open flame.  
Consult NFPA Code. Use approved Bonding and Grounding procedures.  
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*  
These products must be mixed with other components before use. Before opening the packages, READ AND FOLLOW WARNING LABELS ON ALL COMPONENTS.  
Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal.

## Section X — OTHER REGULATORY INFORMATION

*CALIFORNIA PROPOSITION 65*  
WARNING: 6369, 6370, 6371, 6372, 6374-Part A, and 6378 contain a chemical known to the State of California to cause cancer.  
*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.

# MATERIAL SAFETY DATA SHEET

**SECTION I**  
PRODUCT IDENTIFICATION  
AND USE

SUPPLIER  
NAME: **THE MARTIN-SENOUR CO.**  
**3230 9TH STREET, SE**  
**CALGARY, AB T2G 3C3**  
EMERGENCY PHONE  
**(403) 243-7100**

MANUFACTURER  
NAME: **THE MARTIN-SENOUR CO.**  
**101 PROSPECT AVE., N.W.**  
**CLEVELAND, OH 44115**  
EMERGENCY PHONE  
**(216) 292-7400**

INFORMATION NUMBER  
**(403) 243-7100**

PRODUCT USE  
**BODY FILLER**

## *Body Fillers*

*FIL/N*

<b>SECTION II</b> CAS No. HAZARDOUS INGREDIENT (percent by weight)		ACGIH TLV <STEL>	Units	LD-50 (Rat-Oral) Mg/Kg	LC-50 (Rat) PPM/4hr.	6369 FIBRE-HAIR™ Body Filler	6370 MICRO-LITE® Body Filler	6370T MICRO-LITE® Hardener	6371 FIBRE-STRAND® Body Filler	6372 CUZ® Body Filler	6372T CUZ® Hardener	6374 U-Fix-It Kit™ Part A Part B Body Filler Hardener		6378 TEC® Non-Staining Part A Part B Body Filler Hardener	
100-42-5	Styrene	NAv		NAv	NAv	20-25	15-20		15-20	15-20		15-20		15-20	
14807-96-6	Talc	<del>C<sub>7</sub>50</del> 788	PPM	NAv	NAv	40-45	40-45		55-60	55-60		40-45		40-45	
471-34-1	Calcium Carbonate	<1000>	PPM	5800	16000		5-10					5-10		5-10	
13463-67-7	Titanium Dioxide	25	PPM	NAv	NAv									<5	
94-36-0	Dibenzoyl Peroxide	2	Mg/M3	NAv	NAv			49			49		49		49
65997-17-3	Fibrous Glass Dust	10	Mg/M3	>7500	NAv	<2			<2						
Volatile Organic Compounds - Percent by Weight															
HMIS® Ratings (Health - Flammability - Reactivity)															
						2*-3-2	2*-3-2	2-2-1	2*-3-2	2*-3-2	2-2-1	2*-3-2	2-2-1	2*-3-2	2-2-1

# FICHE SIGNALÉTIQUE

— SECTION I —  
IDENTIFICATION ET  
UTILISATION  
DU PRODUIT

NOM DU FOURNISSEUR: **DUPLI-COLOR/KRYLON**  
**5 CROCKFORD BLVD.**  
**SCARBOROUGH, ON M1L 4J9**  
NO. DE TÉLÉPHONE D'URGENCE  
**(416) 751-2544**

NOM DU FABRICANT: **DUPLI-COLOR/KRYLON**  
**6830 COCHRAN ROAD**  
**SOLON, OH 44139**  
NO. DE TÉLÉPHONE D'URGENCE  
**(216) 292-7400**

NO. DE TÉLÉPHONE  
**(800) 247-3270**

USAGE DU PRODUIT  
**PEINTURE EN AÉROSOL**

## *Body Fillers*

## *FIL/N*

— SECTION II —		ACGIH TLV <STEL>	LD-50 Unités (Rat-Orale) Mg/Kg	LC-50 (Rat) PPM/4hr.	6369	6370	6370T 6370TS	6371	6372	6372T 6372TL	6374		6378		
Numéro CAS	INGRÉDIENTS DANGEREUX (% en POIDS)										Part A	Part B	Part A	Part B	
		NAV	NAV	NAV	FIBRE-HAIR™ Body Filler	MICRO-LITE® Body Filler	MICRO-LITE® Hardener	FIBRE-STRAND® Body Filler	CUZ® Body Filler	CUZ® Hardener	U-Fix-It Kit™ Body Filler Hardener		TEC® Non-Staining Body Filler Hardener		
100-42-5	Styrene	C 50	PPM	NAV	NAV	20-25	15-20		15-20	15-20	15-20		15-20		
14807-96-6	Talc	750 <1000>	PPM	5800	16000	40-45	40-45		55-60	55-60	40-45		40-45		
471-34-1	Calcium Carbonate	25	PPM	NAV	NAV		5-10				5-10		5-10		
13463-67-7	Titanium Dioxide	2	Mg/M3	NAV	NAV								<5		
94-36-0	Dibenzoyl Peroxide	10	Mg/M3	>7500	NAV			49		49		49		49	
65997-17-3	Fibrous Glass Dust					<2			<2						
Composés Organiques Volatils - % en Poids															
HMIS® Code (Santé - Inflammable - Réactivité)															
						2*-3-2	2*-3-2	2-2-1	2*-3-2	2*-3-2	2-2-1	2*-3-2	2-2-1	2*-3-2	2-2-1