# MATERIAL SAFETY DATA SHEET

6692
15 00

## Section 1 -- PRODUCT AND COMPANY IDENTIFICATION

| PRODUCT NUMBER | DATE OF PREPARATION | HMIS CODES | |
|---|---|---|---|
| | | Health | 3* |
| 6692 | 13-AUG-08 | Flammability | 2 |
| | | Reactivity | 1 |

PRODUCT NAME
PRISM® Basecoat Hardener

MANUFACTURER'S NAME
MARTIN SENOUR PAINTS
4440 Warrensville Center Road
Warrensville Hts., OH 44128-2837

TELEPHONE NUMBERS and WEBSITES
Regulatory Information
(216) 566-2902
Medical Emergency
(216) 566-2917
Transportation Emergency
(800) 424-9300
for Chemical Emergency ONLY (spill, leak, fire, exposure, or accident)

## Section 2 -- COMPOSITION/INFORMATION ON INGREDIENTS

| % by WT | CAS No. | INGREDIENT | | UNITS | VAPOR PRESSURE |
|---|---|---|---|---|---|
| 1 | 64742-95-6 | Light Aromatic Hydrocarbons | | | |
| | | ACGIH TLV | Not Available | | 3.8 mm |
| | | OSHA PEL | Not Available | | |
| 1 | 108-67-8 | 1,3,5-Trimethylbenzene | | | |
| | | ACGIH TLV | 25 | ppm | 2 mm |
| | | OSHA PEL | 25 | ppm | |
| 2 | 95-63-6 | 1,2,4-Trimethylbenzene | | | |
| | | ACGIH TLV | 25 | ppm | 2.03 mm |
| | | OSHA PEL | 25 | ppm | |
| 2 | 123-86-4 | n-Butyl Acetate | | | |
| | | ACGIH TLV | 150 | ppm | 10 mm |
| | | ACGIH TLV | 200 | ppm STEL | |
| | | OSHA PEL | 150 | ppm | |
| | | OSHA PEL | 200 | ppm STEL | |
| 0.1 | 822-06-0 | Hexamethylene Diisocyanate (max.) | | | |
| | | ACGIH TLV | 0.005 | ppm | 0.05 mm |
| | | OSHA PEL | Not Available | | |
| 0.1 | 4098-71-9 | Isophorone Diisocyanate (max.) | | | |
| | | ACGIH TLV | 0.005 | ppm (Skin) | |
| | | OSHA PEL | 0.005 | ppm (Skin) | |
| | | OSHA PEL | 0.02 | ppm (Skin) STEL | |
| 68 | 28182-81-2 | Hexamethylene Diisocyanate Polymer | | | |
| | | ACGIH TLV | Not Available | | |
| | | OSHA PEL | Not Available | | |
| 17 | Proprietary | Isophorone Diisocyanate Polymer | | | |
| | | ACGIH TLV | Not Available | | |
| | | OSHA PEL | Not Available | | |

Continued on page 2

## Section 3 -- HAZARDS IDENTIFICATION

ROUTES OF EXPOSURE

INHALATION of vapor or spray mist.

EYE or SKIN contact with the product, vapor or spray mist.

EFFECTS OF OVEREXPOSURE

EYES: Irritation.

SKIN: Prolonged or repeated exposure may cause irritation.

INHALATION: Irritation of the upper respiratory system.

May cause nervous system depression. Extreme overexposure may result in unconsciousness and possibly death.

Prolonged overexposure to solvent ingredients in Section 2 may cause adverse effects to the liver, urinary, blood forming and reproductive systems.

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

May cause allergic respiratory and/or skin reaction in susceptible persons or sensitization. This effect may be delayed several hours after exposure.

Persons sensitive to isocyanates will experience increased allergic reaction on repeated exposure.

CANCER INFORMATION

For complete discussion of toxicology data refer to Section 11.

## Section 4 -- FIRST AID MEASURES

EYES: Flush eyes with large amounts of water for 15 minutes. Get medical attention.

SKIN: Wash affected area thoroughly with soap and water. Remove contaminated clothing and launder before re-use.

INHALATION: If any breathing problems occur during use, LEAVE THE AREA and get fresh air. If problems remain or occur later, IMMEDIATELY get medical attention.

INGESTION: Do not induce vomiting. Get medical attention immediately.

## Section 5 -- FIRE FIGHTING MEASURES

| FLASH POINT | LEL | UEL |
|---|---|---|
| 145 F SETA | 0.7 | 8.5 |

FLAMMABILITY CLASSIFICATION

Combustible, Flash above 99 and below 200 F

EXTINGUISHING MEDIA

Carbon Dioxide, Dry Chemical, Foam

UNUSUAL FIRE AND EXPLOSION HAZARDS

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.

Continued on page 3

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 6 -- ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Remove all sources of ignition. Ventilate the area.

All personnel in the area should be protected as in Section 8.

Cover spill with absorbent material. Deactivate spilled material with a 10% ammonium hydroxide solution (household ammonia). After 10 minutes, collect in open containers and add more ammonia. Cover loosely. Wash spill area with soap and water.

## Section 7 -- HANDLING AND STORAGE

STORAGE CATEGORY

DOL Storage Class IIIA

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE

Contents are COMBUSTIBLE. Keep away from heat 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.

## Section 8 -- EXPOSURE CONTROLS/PERSONAL PROTECTION

PRECAUTIONS TO BE TAKEN IN USE

NO PERSON SHOULD USE THIS PRODUCT, OR BE IN THE AREA WHERE IT IS BEING USED, IF THEY HAVE CHRONIC (LONG-TERM) LUNG OR BREATHING PROBLEMS OR IF THEY EVER HAD A REACTION TO ISOCYANATES.

Use only with adequate ventilation.

Avoid contact with skin and eyes. Avoid breathing vapor and spray mist.

Wash hands after using.

This coating may contain materials classified as nuisance particulates (listed "as Dust" in Section 2) which may be present at hazardous levels only during sanding or abrading of the dried film. If no specific dusts are listed in Section 2, 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 2 is maintained below applicable exposure limits. Refer to OSHA Standards 1910.94, 1910.107, 1910.108.

Continued on page 4

RESPIRATORY PROTECTION

Where overspray is present, a positive pressure air supplied respirator (TC19C NIOSH/MSHA approved) should be worn. If unavailable, a properly fitted organic vapor/particulate respirator approved by NIOSH/MSHA for protection against materials in Section 2 may be effective. Follow respirator manufacturer's directions for use. Wear the respirator for the whole time of spraying and until all vapors and mists are gone. NO PERSONS SHOULD BE ALLOWED IN THE AREA WHERE THIS PRODUCT IS BEING USED UNLESS EQUIPPED WITH THE SAME RESPIRATOR PROTECTION RECOMMENDED FOR THE PAINTERS.

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, underlying paint, or the abrasive.

PROTECTIVE GLOVES

To prevent skin contact, wear gloves which are recommended by glove supplier for protection against materials in Section 2.

EYE PROTECTION

Wear safety spectacles with unperforated sideshields.

OTHER PROTECTIVE EQUIPMENT

Use barrier cream on exposed skin.

OTHER PRECAUTIONS

This product 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 9 -- PHYSICAL AND CHEMICAL PROPERTIES

| | | |
|---|---|---|
| PRODUCT WEIGHT | 9.39 lb/gal | 1125 g/l |
| SPECIFIC GRAVITY | 1.13 | |
| BOILING POINT | 255 - 419 F | 123 - 215 C |
| MELTING POINT | Not Available | |
| VOLATILE VOLUME | 17 % | |
| EVAPORATION RATE | Slower than ether | |
| VAPOR DENSITY | Heavier than air | |
| SOLUBILITY IN WATER | N.A. | |

VOLATILE ORGANIC COMPOUNDS (VOC Theoretical - As Packaged)

| | | |
|---|---|---|
| 1.40 lb/gal | 168 g/l | Less Water and Federally Exempt Solvents |
| 1.40 lb/gal | 168 g/l | Emitted VOC |

## Section 10 -- STABILITY AND REACTIVITY

STABILITY -- Stable

CONDITIONS TO AVOID

None known.

INCOMPATIBILITY

Contamination with Water, Alcohols, Amines and other compounds which react with isocyanates, may result in dangerous pressure in, and possible bursting of, closed containers.

HAZARDOUS DECOMPOSITION PRODUCTS

By fire: Carbon Dioxide, Carbon Monoxide, Oxides of Nitrogen, possibility of Hydrogen Cyanide

HAZARDOUS POLYMERIZATION

Will not occur

Continued on page 5

## Section 11 -- TOXICOLOGICAL INFORMATION

CHRONIC HEALTH HAZARDS

No ingredient in this product is an IARC, NTP or OSHA listed carcinogen.

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

TOXICOLOGY DATA

| CAS No. | Ingredient Name | | | | | |
|---|---|---|---|---|---|---|
| 64742-95-6 | Light Aromatic Hydrocarbons | | | | | |
| | | LC50 | RAT | 4HR | Not Available | |
| | | LD50 | RAT | | Not Available | |
| 108-67-8 | 1,3,5-Trimethylbenzene | | | | | |
| | | LC50 | RAT | 4HR | Not Available | |
| | | LD50 | RAT | | Not Available | |
| 95-63-6 | 1,2,4-Trimethylbenzene | | | | | |
| | | LC50 | RAT | 4HR | Not Available | |
| | | LD50 | RAT | | Not Available | |
| 123-86-4 | n-Butyl Acetate | | | | | |
| | | LC50 | RAT | 4HR | 2000 | ppm |
| | | LD50 | RAT | | 13100 | mg/kg |
| 822-06-0 | Hexamethylene Diisocyanate (max.) | | | | | |
| | | LC50 | RAT | 4HR | Not Available | |
| | | LD50 | RAT | | 738 | mg/kg |
| 4098-71-9 | Isophorone Diisocyanate (max.) | | | | | |
| | | LC50 | RAT | 4HR | Not Available | |
| | | LD50 | RAT | | 2500. | mg/kg |
| 28182-81-2 | Hexamethylene Diisocyanate Polymer | | | | | |
| | | LC50 | RAT | 4HR | Not Available | |
| | | LD50 | RAT | | Not Available | |
| Proprietary | Isophorone Diisocyanate Polymer | | | | | |
| | | LC50 | RAT | 4HR | Not Available | |
| | | LD50 | RAT | | 4825 | mg/kg |

## Section 12 -- ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION

No data available.

## Section 13 -- DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD

Waste from this product is not hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261.

Incinerate in approved facility. Do not incinerate closed container. Dispose of in accordance with Federal, State/Provincial, and Local regulations regarding pollution.

Continued on page 6

## Section 14 -- TRANSPORT INFORMATION

US Ground (DOT)
Not Regulated for Transportation.

Bulk Containers may be Shipped as:
NA1993, COMBUSTIBLE LIQUID, N.O.S. (BUTYL ACETATES, PETROLEUM DISTILLATES), PG III, (ERG#128)

Canada (TDG)
Not Regulated for Transportation.

IMO
Not Regulated for Transportation.

## Section 15 -- REGULATORY INFORMATION

SARA 313 (40 CFR 372.65C) SUPPLIER NOTIFICATION

| CAS No. | CHEMICAL/COMPOUND | % by WT | % Element |
|---|---|---|---|
| 95-63-6 | 1,2,4-Trimethylbenzene | 2 | |

CALIFORNIA PROPOSITION 65
WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.
TSCA CERTIFICATION
All chemicals in this product are listed, or are exempt from listing, on the TSCA Inventory.

## Section 16 -- OTHER INFORMATION

This product has been classified in accordance with the hazard criteria of the Canadian Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR.

The above information pertains to this product 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.