

— Section 1 —  
Product Identification



# Material Safety Data Sheet

Magnet Paint & Shellac Co., Inc.  
336 Bayview Avenue  
Amityville, NY 11701

Emergency Telephone Number: 800-535-5053  
Information Telephone Number: 631-842-7700  
Date of Preparation: April 10, 2005

## **CHASSIS SAVER™ Rust Preventive Truck & Auto Underbody Coating (all finishes) S8 Multi-Temperature Reducer**

CAS No.	— Section 2 — Hazardous Ingredients (percentage by weight)	ACGIH TLV <STEL>	OSHA PEL <STEL>	Units	LD50 (Rat-Oral) mg/kg	LC50 (Rat) ppm/4hr	Vapor Pressure mm	Product - Finish - Color						
								No. 99 High Build Jet Black	No. 970 Antique Satin Black	No. 934 Silver Aluminum	No. 94 Light Gray	S8 Multi-Temp Reducer		
Proprietary	Polyisocyanate based on MDI	NAv	NAv		NAv	NAv		35 - 75	35 - 75	35 - 75	35 - 75			P E R C E N T  B Y  W E I G H T
26447-40-5	Diphenylmethane Diisocyanate (MDI) (2,2; 2,4)	NAv	NAv		NAv	NAv		< 1	< 1	< 1	< 1			
101-68-8	4, 4' - Diphenylmethane Diisocyanate (MDI)	150 <200>	150 <200>	ppm	12000	2000	10.0	5 - 25	5 - 25	5 - 25	5 - 25			
64742-95-6	Light Aromatic Hydrocarbons	Not Established					3.8	15 - 30	15 - 30	10 - 25	10 - 25	65		
98-56-6	p-Chlorobenzotrifluoride	NAv	NAv	NAv	NAv	15	5.3				15 - 25			
108-65-6	1-Methoxy-2-Propanol Acetate	NAv	NAv		NAv	NAv	1.8	2 - 10	2 - 10	2 - 10	2 - 10	35		
Proprietary	Aluminum	Not Established								15 - 25				
1333-86-4	Carbon Black	3.5	3.5	mg/m3	NAv	NAv		1 - 3	1 - 3		.2			
Proprietary	Zinc Compound (percent zinc)	Not Established						5 - 15	5 - 15	5 - 15	5 - 15			
13463-67-7	Titanium Dioxide	10[5]		mg/m3 as Dust (Resp. Fraction)	NAv	NAv					10 - 25			
Weight per Gallon (lbs.)								8.90	8.80	9.40	10.44	7.48		
VOC (Volatile Organic Compounds) Emitted - lbs./gal.								2.09	2.15	2.05	2.06	7.48		
VOC Less Water & Federally Exempt Solvents - lbs./gal.								2.09	2.15	2.05	3.69	7.48		
Photochemically Reactive								Yes	Yes	Yes	Yes	Yes		
Flash Point (°F)								108	108	108	108	110		
HMIS (NFPA) Rating (health - flammability - reactivity)								3*- 2 - 1	3*- 2 - 1	3*- 2 - 1	3*- 2 - 1	2 - 2 - 1		
DOL Storage Category / Flammability Classification (Flammable - Combustible)								2 / Comb.	2 / Comb.	2 / Comb.	2 / Comb.	2 / Comb.		

# CHASSIS SAVER™ Rust Preventive Truck & Auto Underbody Coating (all finishes) S8 Multi-Temperature Reducer

## Section 3 — Hazards Identification

**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.

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

**CANCER INFORMATION** - For complete discussion of toxicology data refer to Section 11.

## Section 4 — First Aid Measures

If INHALED: If any breathing problems occur during use, LEAVE THE AREA and get fresh air.

If problems remain or occur later, IMMEDIATELY get medical attention.

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: Do not induce vomiting. Get medical attention immediately.

## Section 5 — Fire Fighting Measures

**FLAMMABILITY CLASSIFICATION** - NON-RED LABEL -- Combustible Flash above 100 °F

**FLASH POINT** - See TABLE LEL 0.5 UEL 10.6

**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.

**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 & possible autoignition/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. Remove with inert absorbent.

If Hardener is spilled, 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** - See TABLE

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING** - Contents are FLAMMABLE. Keep away from heat, sparks, and open flame. 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. 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 THESE PRODUCTS, OR BE IN THE AREA WHERE THESE PRODUCTS ARE BEING USED, IF THEY HAVE CHRONIC (LONG-TERM) LUNG OR BREATHING PROBLEMS OR IF THEY EVER HAD A REACTION TO ISOCYANATES.

Use all products only with adequate ventilation. Avoid contact with skin and eyes. Avoid breathing vapor and spray mist. Wash hands after using.

These coatings 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.

**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 THESE PRODUCTS ARE BEING USED UNLESS EQUIPPED WITH THE SAME RESPIRATOR PROTECTION RECOMMENDED FOR THE PAINTERS.

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 2.

**PROTECTIVE GLOVES** - Wear gloves recommended by glove supplier for protection against materials in Section 2.

**EYE PROTECTION** - Wear safety spectacles with unperforated sideshields.

**OTHER PROTECTION** - Wear barrier cream on exposed skin.

**OTHER PRECAUTIONS**

All products may 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	See TABLE	EVAPORATION RATE	Slower than ether
SPECIFIC GRAVITY	0.90 - 1.25	VAPOR DENSITY	Heavier than air
BOILING POINT	132 - 384 °F	MELTING POINT	Not Available
VOLATILE VOLUME	30 - 100 %	SOLUBILITY IN WATER	Not Available

## Section 10 — Stability and Reactivity

**STABILITY** - Stable

**CONDITIONS TO AVOID** - None known.

**INCOMPATIBILITY** - Metallics may contain aluminum. Contamination with Water, Acids, or Alkalis can cause evolution of hydrogen, which may result in dangerously increased pressures in closed containers.

**HAZARDOUS DECOMPOSITION PRODUCTS** - By fire: Carbon Dioxide & Monoxide, Oxides of Metals in Section 2  
**HAZARDOUS POLYMERIZATION** - Will not occur

## Section 11 — Toxicological Information

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

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

Reports have linked repeated & prolonged solvent overexposure with permanent brain/nervous system damage.

**Section 12 — Ecological Information** - No data available.

## Section 13 — Disposal Considerations

**WASTE DISPOSAL METHOD** - Waste from these products 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. Do not incinerate closed container. Dispose of in accordance with Federal, State/Provincial, and Local regulations regarding pollution.

**Section 14 — Transport Information** - No data available.

## Section 15 — Regulatory Information

**CALIFORNIA PROPOSITION 65** - WARNING: These products contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

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

## Section 16 — Other Information

These products have been classified in accordance with the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR.

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 these products 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.