



# MATERIAL SAFETY DATA SHEET

FOR COATINGS, RESINS AND RELATED MATERIALS

(Approved by U.S. Department of Labor "Essentially Similar" to Form OSHA174)

HEALTH	2
FLAMMABILITY	2
REACTIVITY	1
PERSONAL PROTECTION	C

**Product**

**197A105, 106, 107, 110, 113, 126**

**Section 1**

**7\* QUICK DRY RUST PREVENTATIVE OIL ENAMEL**

Manufacturer's Name <b>Paint Division, ACE HARDWARE CORPORATION</b>	Emergency Telephone Number <b>(630) 990-6600</b>
Address (Number, Street, City, State and ZIP Code) <b>21901 S. Central Avenue</b>	Telephone Number for Information <b>(708) 720-0600</b>
<b>Matteson, IL 60443</b>	Date Prepared <b>JULY 1, 1997</b>
	Signature of Preparer (optional)

**Section II - Hazardous Ingredients/Identity Information**

Hazardous Components (Specific Chemical Identity: Common Name(s))	CAS#	OSHA PEL	ACGIH TLV	% (optional)
AMORPHOUS SILICA	CAS# 7631-86-9	15 Mg/M <sup>3</sup>	10 Mg/M <sup>3</sup>	0.4
TITANIUM DIOXIDE	CAS# 13463-67-7	10 Mg/M <sup>3</sup>	10 Mg/M <sup>3</sup>	5.8
METHYL ETHYL KETOXIME	PROPRIETARY	NONE EST.	NONE EST.	0.3
CALCIUM CARBONATE	CAS# 1317-65-3	15(5) Mg/M <sup>3</sup>	10 Mg/M <sup>3</sup>	21.0
MINERAL SPIRITS	CAS# 64742-47-8	500 PPM	100 PPM	54.8
ZINC PHOSPHATE	CAS# 7779-90-0		10 Mg/M <sup>3</sup>	1.3
NEPHELINE SYENITE	CAS# 37244-96-5	5 Mg/M <sup>3</sup>	10 Mg/M <sup>3</sup>	40.8
CARBON BLACK	CAS# 1333-86-4	3.5 Mg/M <sup>3</sup>	3.5 Mg/M <sup>3</sup>	2.3
AZO YELLOW PIGMENT	CAS# 006358-31-2		10 Mg/M <sup>3</sup>	2.7
PHTHALOCYANINE GREEN	CAS# 1328-53-6	15 Mg/M <sup>3</sup>	10 Mg/M <sup>3</sup>	2.2
ETHYL ALCOHOL	CAS# 64-17-5	1000 PPM	1000 PPM	0.4
MAGNESIUM SILICATE	CAS# 14807-96-6	20 MPPCF	2 Mg/M <sup>3</sup>	2.8

**Section III - Physical/Chemical Characteristics**

Boiling Point	308 °F	Specific Gravity (WATER = 1)	1.13
Vapor Pressure (mm Hg.)	NA	Melting Point	NA
Vapor Density (AIR = 1)	Heavier Than Air	Evaporation Rate (Butyl Acetate = 1)	Slower Than Ether

Solubility in Water: Not Applicable

Appearance and Odor: Colored pigmented liquid with solvent odor.

**Section IV - Fire and Explosion Hazard Data**

Flash Point (Method Used) 105 °F PMCC	Flammable Limits NA	LEL 0.9	UEL NA
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Extinguishing Media

Non-combustible - for dry solids use water, foam CO<sup>2</sup>, dry chemicals.

Special Fire Fighting Procedures

Full protective equipment including self-contained breathing apparatus should be used. Water may be used to cool closed containers to prevent pressure build-up & possible auto ignition or explosion when exposed to extreme heat.

Unusual Fire and Explosion Hazards

Keep containers tightly closed. Isolate from heat, electrical equipment, sparks and open flame. Heat may cause pressure build-up in closed containers. Water may be used to cool.

**Section V - Reactivity Data**

Stability	Unstable		Conditions to Avoid
	Stable	X	

**Incompatibility (Materials to Avoid)**

No hazardous reactions are expected under normal use.

**Hazardous Decomposition or Byproducts**

Carbon dioxide and carbon monoxide.

Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	X	

**Section VI - Health Hazard Data**

Route(s) of Entry:	Inhalation: <b>Possible</b>	Skin: <b>Possible</b>	Ingestion: <b>Possible</b>
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**Health Hazards (Acute and Chronic)**

Acute: Irritation of eyes, skin &amp; respiratory system may occur on overexposure. May also cause nervous system

depression. Chronic: Reports have associated repeated &amp; prolonged occupational overexposure to solvents

with permanent brain and nervous system damage.

Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?
<b>CARBON BLACK</b>	<b>NO</b>	<b>Possible (in Humans)</b>	<b>NO</b>

**Signs and Symptoms of Exposure**

Headache, dizziness, nausea &amp; loss of coordination are indications of excessive exposure to vapors or spray mists.

**Medical Conditions Generally Aggravated by Exposure:** None generally recognized.**Emergency and First Aid Procedures**

If inhaled - remove from exposure - restore breathing - keep warm and quiet. If on skin - wash affected area thoroughly with soap &amp; water. If in eyes - flush with large amounts of water for 15 minutes. Get medical attention.

**Section VII - Precautions for Safe Handling and Use****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**

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

**Precautions to be Taken in Handling and Storing**

Contents are combustible. Keep away from heat and open flame. Use approved bonding and grounding procedures.

Transfer only to approved, properly marked containers.

**Other Precautions**

Keep out of reach of children. Intentional misuse by deliberately inhaling the contents can be harmful or fatal.

**Section VIII - Control Measures****Respiratory Protection (Specify Type)**

Properly fitted organic vapor/particulate respirator approved by NIOSH/MSHA.

Ventilation	Local Exhaust Preferable	Special
	Mechanical (General)	Other

**Protective Gloves**

Those recommended for use with Section II materials.

**Eye Protection**

Safety spectacles w/unperforated side shields

**Other Protective Clothing or Equipment****Work/Hygienic Practices**