

# MATERIAL SAFETY DATA SHEET

## SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

**(PRODUCT NAME: Royal Shield Latex Satin Ultra White (Tint Base))**

Product Code Identification Number: 160A310

MSDS Number:

GENERAL USE: Protective Coating

PRODUCT DESCRIPTION: Acrylic latex coating, slight ammonia odor



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### MANUFACTURER'S NAME

Ace Hardware Paint Division

DATE PREPARED: May 28, 2005

SUPERSEDES: February 14, 2002

### ADDRESS (NUMBER, STREET, P.O. BOX)

21901 South Central Avenue

TELEPHONE NUMBER FOR INFORMATION

(800) 311-8324

(CITY, STATE AND ZIP CODE)

Matteson, IL 60443-2800

COUNTRY

USA

EMERGENCY TELEPHONE NUMBER

Infotrac (800) 535-5053 Outside USA (352) 323-3500

### DISTRIBUTOR'S NAME

Ace Hardware Corporation

### ADDRESS (NUMBER, STREET, P.O. BOX)

2200 Kensington Court

TELEPHONE NUMBER FOR INFORMATION

(800) 311-8324

(CITY, STATE AND ZIP CODE)

Oak Brook, IL 60523-2100

COUNTRY

USA

EMERGENCY TELEPHONE NUMBER

Infotrac (800) 535-5053 Outside USA (352) 323-3500

## SECTION 2 - HAZARDOUS INGREDIENTS

HAZARDOUS COMPONENTS	CAS #	%	OSHA PEL		ACGIH TWA		SARA TITLE III	RQ LBS
			PPM	MG/M3	PPM	MG/M3		
2,2,4-trimethyl-1-1,3-pentanediol mono(2-methylpropanoate)	25265-77-4	1 - 5	not established					
Ethylene glycol (a,b,c)	107-21-1	1 - 5				100 C	Yes	5000

(a,c) See Section 15

(b) A "C" in the OSHA PEL or ACGIH TWA column indicates ceiling limits, the concentration that should not be exceeded during any part of the working exposure.

## SECTION 3 - HAZARDS IDENTIFICATION

### EMERGENCY OVERVIEW

**WARNING!** Harmful or fatal if swallowed, harmful if inhaled or absorbed through the skin. May cause allergic skin reaction. May cause irritation to skin, eyes, and respiratory tract. Affects central nervous system. Hazard symbols for this product - Not classified. Risk Phrases - Not classified

### POTENTIAL HEALTH EFFECTS

**INHALATION:** High concentrations in the form of vapors or mists are irritating to the respiratory tract; may cause headache, dizziness, nausea and vomiting.

**SKIN:** Brief contact may cause slight irritation; prolonged contact may cause moderate irritation or dermatitis.

**EYES:** High vapor concentration or contact may cause irritation and discomfort.

**INGESTION:** May cause abdominal discomfort or pain, nausea, vomiting, dizziness, or possible convulsions or coma; large doses may be fatal.

### CARCINOGENICITY

NTP?

No

IARC MONOGRAPHS?

No

OSHA REGULATED?

No

This product contains trace amounts of the following substances known to the state of California to cause cancer: 1,4 Dioxane, Ethylene Oxide, and Acetaldehyde.

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**SECTION 4 - FIRST AID MEASURES**

INHALATION: Remove affected person to fresh air; if symptoms persist seek medical attention.

SKIN: Remove contaminated clothing; wash affected area with soap and water; launder contaminated clothing before reuse; if irritation persists, seek medical attention.

EYES: Remove contact lenses. Flush eyes with clear running water for 15 minutes while holding eyelids open; if irritation persists, seek medical attention.

INGESTION: Give two glasses of water for dilution; Induce vomiting by sticking fingers down throat; never give anything by mouth to an unconscious person; seek medical attention.

**SECTION 5 - FIRE FIGHTING MEASURES**

FLASH POINT (METHOD USED)

Non-flammable

FLAMMABLE LIMITS

LEL: Not applicable

UEL: Not applicable

AUTOIGNITION TEMPERATURE:

Not determined

NFPA CLASS:

None

GENERAL HAZARDS: Product is not considered flammable or combustible. Products of combustion include compounds of carbon, hydrogen and oxygen, including carbon monoxide.

EXTINGUISHING MEDIA

Carbon dioxide, water, water fog, dry chemical, chemical foam

FIRE FIGHTING PROCEDURES

Keep containers cool with water spray to prevent container rupture due to steam buildup; floor will become slippery if material is released.

UNUSUAL FIRE AND EXPLOSION HAZARDS

None

HAZARDOUS COMBUSTION PRODUCTS

Smoke, fumes, oxides of carbon

**SECTION 6 - ENVIRONMENTAL RELEASE MEASURES**

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Small spills - wash to sanitary sewer with plenty of water.. Large spills - confine spill, soak up with approved absorbent, shovel product into approved container; for spills in excess of allowable limits (RQ) notify the National Response Center (800) 424 - 8802; refer to SARA Title III, Section 313 40 CFR 372, and CERCLA 40 CFR 302 for complete regulations concerning reporting requirements.

**SECTION 7 - HANDLING AND STORAGE**

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Keep container closed when not in use; protect containers from abuse; protect from extreme temperatures. Keep this and other chemicals out of reach of children.

**SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION**

ENGINEERING CONTROLS

The use of local exhaust ventilation is recommended. No other special controls are indicated.

PERSONAL PROTECTION:

RESPIRATORY PROTECTION (SPECIFY TYPE): None required while threshold limits (Section 2) are kept below maximum allowable concentrations; if TWA exceeds limits, NIOSH approved respirator must be worn. Refer to 29 CFR 1910.134 or European Standard EN 149 for complete regulations.

PROTECTIVE GLOVES: Neoprene or rubber gloves with cuffs.

EYE PROTECTION: Protective eyeglasses or chemical safety goggles.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Safety eyebath nearby

WORK / HYGIENIC PRACTICES: Practice safe workplace habits. Minimize body contact with this, as well as all chemicals in general.

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**SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES**

VAPOR PRESSURE (MM Hg) 17 mm Hg @ 20° C	VAPOR DENSITY (AIR = 1) > 1
SPECIFIC GRAVITY (WATER = 1) 1.312	EVAPORATION RATE (WATER = 1) < 1
SOLUBILITY IN WATER Dispersible	FREEZING POINT 32° F (0° C)
pH 9.0 - 9.5	APPEARANCE AND ODOR White viscous liquid, slight ammonia odor
BOILING POINT 176°F (80° C)	PHYSICAL STATE Liquid
VISCOSITY (KREBS) 95 - 100	

**SECTION 10 - STABILITY AND REACTIVITY**

STABILITY UNSTABLE: STABLE: XXX	CONDITIONS TO AVOID: Extreme temperatures, keep from freezing
INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizers, strong acids	
HAZARDOUS DECOMPOSITION OR BYPRODUCTS: Decomposition will not occur if handled and stored properly. In case of a fire, oxides of carbon, hydrocarbons, fumes, and smoke may be produced.	
HAZARDOUS POLYMERIZATION MAY OCCUR: WILL NOT OCCUR: XXX	CONDITIONS TO AVOID: None

**SECTION 11 - TOXICOLOGICAL INFORMATION**

Hazardous Ingredients	CAS #	EINECS #	LD50 of Ingredient (Specify Species and Route)	LC50 of Ingredient (Specify Species)
2,2,4-trimethyl-1,1,3-pentanediol mono(2-methylpropanoate)	25265-77-4	246-771-9	6860 mg / kg Oral - rat	Not established
Ethylene glycol (a,b,c)	107-21-1	203-473-3	4700 mg / kg Oral - rat	10876 mg / kg Inhalation - rat

**SECTION 12 - ECOLOGICAL INFORMATION**

No data are available on the adverse effects of this material on the environment. Neither COD nor BOD data are available. Based on the chemical composition of this product it is assumed that the mixture can be treated in an acclimatized biological waste treatment plant system in limited quantities. However, such treatment should be evaluated and approved for each specific biological system. None of the ingredients in this mixture are classified as a Marine Pollutant.

**SECTION 13 - DISPOSAL CONSIDERATIONS**

WASTE DISPOSAL METHOD: Dispose of in accordance with Local, State, and Federal Regulations. Product is classified as non-hazardous, however, non-hazardous materials may become hazardous waste upon contact with other products. Refer to "40 CFR Protection of Environment Parts 260 - 299" for complete waste disposal regulations. Consult your local, state, or Federal Environmental Protection Agency before disposing of any chemicals.

**SECTION 14 - TRANSPORT INFORMATION**

PROPER SHIPPING NAME: Not Regulated

DOT HAZARD CLASS / Pack Group: None / None  
REFERENCE: Not Applicable  
UN / NA IDENTIFICATION NUMBER: None  
LABEL: None Required  
HAZARD SYMBOLS: NoneIATA HAZARD CLASS / Pack Group: None  
IMDG HAZARD CLASS: None  
RID/ADR Dangerous Goods Code: None  
UN TDG Class / Pack Group: None

Note: Transportation information provided is for reference only. Client is urged to consult CFR 49 parts 100 - 177, IMDG, IATA, EC, United Nations TDG, and WHMIS (Canada) TDG information manuals for detailed regulations and exceptions covering specific container sizes, packaging materials and methods of shipping.