

# MATERIAL SAFETY DATA SHEET

MSDS date: 6/11/03  
Supersedes: All Previous

MANUFACTURER: **HIRSHFIELD'S PAINT MANUFACTURING**  
4450 LYNDALE AVENUE NORTH  
MINNEAPOLIS, MN 55412

MEDICAL AND TRANSPORTATION EMERGENCY CONTACT:  
INFOTRAC: 1-800-535-5053

## PRODUCT IDENTIFICATION

TRADE NAME: **Heavy Duty Eggshell Acrylic**  
CHEMICAL FAMILY: LATEX EMULSION/PIGMENT DISPERSION  
SYNONYMS: **9290, 9292, 9293, 9296**  
DOT CLASSIFICATION: NOT REGULATED  
CAS NUMBER: MIXTURE

## PHYSICAL DATA

BOILING RANGE (F): 212(Water)  
FREEZING POINT (F): 32(Water)  
SOLUBILITY IN WATER: Dilutable  
SPECIFIC GRAVITY: 1.2-1.3  
VAPOR DENSITY (AIR=1): <1  
% VOLATILE BY WEIGHT: 48-54  
VAPOR PRESSURE (mmHg@68F): 17  
pH INFORMATION: 9.0-10.0  
EVAPORATION RATE (BUTYL ACETATE = 1): <1 (Water)  
APPEARANCE/ODOR: Liquid, various colors, latex odor.

## HAZARDOUS INGREDIENTS

<u>INGREDIENT</u>	<u>PERCENT</u>	<u>TLV PPM</u>	<u>TLV MG/M3</u>	<u>CAS NUMBER</u>
None				

This paint mixture contains pigments classed by ACGIH as "nuisance dusts". Exposures to spray mists or sanding dusts should be controlled to below 10 mg/m<sup>3</sup> through usage of NIOSH/MSHA TC23C or equivalent approved dust filter respirators. Follow respirator manufacturer's directions for respirator use.

### SECTION 313 SUPPLIER NOTIFICATION:

This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372:

NONE above de minimis concentrations.

HMIS RATING: HEALTH = 1 FLAMMABILITY = 0 REACTIVITY = 0

\* The user should determine appropriate personal protective equipment based on use conditions.

## **FIRE AND EXPLOSION DATA**

FLASH POINT: Not determined (aqueous system)

FIRE EXTINGUISHING MEDIA: Non-flammable (aqueous emulsion)

When water evaporates, remaining material can burn.

LEL: Not determined (aqueous system)

UEL: Not determined (aqueous system)

Use all-purpose foam for large fires, and CO<sub>2</sub> or dry chemical media for small fires.

SPECIAL FIRE FIGHTING PROCEDURES: Self-contained breathing apparatus when fighting fires in enclosed areas.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Product will not burn but may spatter if temperature exceeds boiling point of water. Dried solids can burn, giving off oxides and carbon.

## **REACTIVITY DATA**

THIS PRODUCT IS STABLE UNDER NORMAL (AMBIENT) CONDITIONS AND HAZARDOUS POLYMERIZATION WILL NOT OCCUR.

HAZARDOUS DECOMPOSITION PRODUCTS: Combustion of dried film may produce carbon dioxide and carbon monoxide.

CONDITIONS OR MATERIALS TO AVOID: NONE

## **HEALTH HAZARD DATA**

### EFFECTS OF ACUTE OVER EXPOSURE:

INGESTION: Irritating to gastrointestinal tract, abdominal pain, and diarrhea.

INHALATION: Trace component, residual monomer, and other organics may be irritating to eyes, skin, mucous membranes, respiratory tract and may produce symptoms of headache, nausea in poorly ventilated areas.

SKIN CONTACT: Prolonged contact may cause transient reddening of the skin.

EYE CONTACT: Direct contact may be irritating to eyes.

EFFECTS OF REPEATED OVEREXPOSURE: This mixture as provided shows no evidence of chronic effects from available information.

### EMERGENCY FIRST AID PROCEDURES:

INGESTION: Induce vomiting; consult a physician.

INHALATION: Remove to fresh air. If irritation persists, seek medical attention. If victim is not breathing, qualified personnel should administer artificial respiration. Seek immediate medical attention.

SKIN CONTACT: Wash affected area thoroughly with mild soap and water. If irritation develops and persists seek medical attention.

EYE CONTACT: Immediately flush eyes for 15 minutes occasionally lifting eyelids. If victim wears contact lenses, remove lenses and continue rinsing. Obtain medical attention.

## **TOXICITY DATA**

NOTE: Formaldehyde may be generated under acid conditions. Maintain adequate ventilation under these conditions to prevent exposure above TWA 0.3 ppm and STEL of 0.6 ppm.

## **SPILL OR LEAK PROCEDURES**

STEPS TO TAKE IN CASE OF SPILL OR LEAK: Major spills should be collected for disposal. Minor spills may be flushed to sewer if permitted by local, state, and federal regulations.

WASTE DISPOSAL METHOD: Incinerate or bury in suitable landfill where permitted by appropriate government regulations.

## **SPECIAL PROTECTION INFORMATION**

RESPIRATORY PROTECTION: Use appropriate MSHA/NIOSH-approved respirator in areas with poor ventilation and when exposed to spray mists or sanding dusts.

VENTILATION: General room ventilation is expected to be satisfactory. Use local exhaust if needed.

EYE PROTECTION: Safety glasses and available eye bath.

PROTECTIVE GLOVES: Use gloves impervious to water and soap.

## **SPECIAL PRECAUTIONS**

Avoid breathing vapors and keep containers closed. Keep from freezing. Keep out of the reach of children.

## **DISCLAIMER**

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