

# MATERIAL SAFETY DATA SHEET

## HARLEQUIN HI-SHINE

September 2007

### 1.0 IDENTIFICATION OF PRODUCT AND COMPANY

**1.1 Trade Name                      Reference Number**

Hi-Shine                                      DESXXX

**1.2 Supplier Address**

AMERICAN HARLEQUIN CORPORATION  
1531 Glen Ave - Moorestown, NJ 08057  
Phone: 800-642-6440 or 856-234-5505  
Fax: 856-231-4403

### 2.0 CHEMICAL TYPE

**2.1 Nature:**                                      Plasticized PVC

**2.2 Impurities With Hazards:**              None

### 3.0 HAZARDS

**3.1 Health Hazards:**                              No specific hazards/no dermatological effects

**3.2 Environmental Protection:**              Specific regulations for wastes: consult pollution control  
in the country of application

**3.3 Specific Hazards:**                              None

### 4.0 FIRST AID

**4.1**      No specific instructions, see Fire-Fighting part

### 5.0 FIRE FIGHTING INSTRUCTIONS

**5.1 Products:**                                      Water spray, foam, dry powder, carbon dioxide

**5.2 Specific Hazards:**                              Corrosive vapors of chlorhydric acid. Use protection  
wear and respiratory protection.

## **6.0 INSTRUCTIONS AFTER POURING OUT OR LEAKAGES**

**6.1** No concern.

## **7.0 HANDLING & STORAGE**

**7.1 Handling:** No specific cautions

**7.2 Storage:** In a cool dry place from 10° to 35° C (50° F to 95° F).

## **8.0 EXPLOSION CONTROL**

**8.1** No concern.

## **9.0 PHYSICAL AND CHEMICAL PROPERTIES**

**9.1 Physical State:** Solid.

**9.2 pH Value:** No concern

**9.3 Melting Range:** 160° C - 200° C (320° F - 390° F)

**9.4 Flash Point:** No concern

**9.5 Temperature of Self Ignition:** >400° C (>750° F)

**9.6 Explosion Hazards:** No concern

**9.7 Vapour Pressure:** Not detected

**9.8 Solubility in Water:** Not detected

**9.9 Volatile Organic Compounds:** Not evaluated

**9.10 Specific Weight in kg/m<sup>3</sup>:** 822

## **10.0 STABILITY AND REACTIVITY**

**10.1 Stability:** Stable at room temperature, low decomposition from 80° C (176° F) with chlorhydric acid vapors.

**10.2 Reactivity:**

- With bases degradation with yellow and brown colors.
- Soluble in cyclohexanon, tetrahydrofuranne, dimethylformamid and aromatic solvents.

## **11.0 TOXICOLOGICAL DATA**

- 11.1 Skin Hazards:** No dermatological effects even after many long contacts.  
**11.2 Breathing Effects:** During welding with hot air, work in ventilated room to prevent irritation of respiratory organs.

## **12.0 ECOLOGICAL DATA**

- 12.1** Consult regulations in the country of application.

## **13.0 WASTES TREATMENTS**

- 13.1** Wastes have to be collected and eliminated by special professional companies (for recycling or burning)

## **14.0 TRANSPORTS**

- 14.1** Road, sea, air freight -- not regarded as hazardous materials.

## **15.0 REGULATIONS DATA**

- 15.1 Labeling (CE):** No specific regulation.

## **16.0 FIRE RATING**

- 16.1 Type of test:** Ignitability test (EN ISO.11925-2)  
radiant panel test (EN ISO 9239-1)
- 16.2 Classification:** C<sub>fl</sub> (Fire behavior) s1 (Smoke production)
- 16.3 Mass per unit square meter:** 1215 to 2170 g/m<sup>2</sup>
- 16.4 Reference documents:** EN 13501-1  
Test reports: Nr E021347 (CEMAT/3 – CEMAT/7 – CEMAT/4 and CEMAT/8)
- 16.5 Flame spread** < 150 mm (EN ISO 11925-2)
- 16.6 Critical flux (kW/m<sup>2</sup>):** 6.13 (EN ISO 9239-1)
- 16.7 Smoke: (% min)** 164

*This data sheet completes the using notice. The information is based on our today's knowledge relative to concerned material at printing date. Form in compliance with Article R 281-53 from Labor Law - CEE instruction 91/155, decree of 1.5th 1993 and its annex and with NF ISO 11014-1 of 11/94.*

