

# MATERIAL SAFETY DATA SHEET



## Section I - Product Identification

**Product Name:** Hi-Build Aliphatic Polyurethane Semi Gloss Part A +

Hi-Build Polyurethane Catalyst Part B (Mixing ratio 6:1)

## Section II - Information of Products' Chemical family

**Chemical Family:** Polyurethanes two component system

## Section III - Physical Data

SN	Particulars	Physical Data
1	Product weight	4.35 Kg / US gal
2	Specific Gravity	1.05-1.20
3	Non Volatile content - Solids by weight %	60 % (Catalyzed)
4	Solids by Volume %	52 % (Catalyzed)
5	Evaporation Rate	Slower than Ether
6	Vapor Density	Heavier than Air
8	Melting Point	N.A.
9	Solubility in Water	N.A.

## Section IV - Fire and Explosion Hazard Data

**Flash point:** 10 °C (Flammable Liquid)

**Extinguishing Media:** Carbon Dioxide, Dry chemical, Foam

**Special Fire Fighting Procedures:** Full protective equipment including self contained breathing apparatus should be used. If water is used, fog nozzles are preferable. Water may be used to cool closed containers to prevent pressure build up and possible auto ignition when exposed to extreme heat.

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**Product Name: Hi-Build Aliphatic Polyurethane Egg Shell Part A +  
Hi-Build Polyurethane Catalyst Part B (Mixing ratio 6:1)**

## Section V - Health Hazard Data

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.

**Signs & symptoms of over exposure:** Redness and itching or burning sensation may indicate eye or excessive skin exposure.

**Medical Conditions aggravated by exposure:** none generally recognized

## Emergency and First Aid Procedures:

**If inhaled:** If affected remove from exposure, restore normal breathing. Keep warm and quiet.

**If on Skin:** Wash affected area thoroughly with soap and water.

**If in Eyes:** Flush eyes with large amounts of water for 15 minutes. Get medical attention.

**If Swallowed:** Get Medical Attention.

## Section VI - Reactivity Data

**Stability:** Stable

**Incompatibility:** None

**Hazardous Polymerization:** Will not occur

## Section VII - Spill or Leak Procedures

Steps to be taken in case material is released or spilled : Incinerate in approved facility. Do not incinerate closed container. Dispose off in accordance with local regulations regarding pollution.

## Section VIII - Protection Information

**Precautions to be taken in use:** Use only with adequate ventilation. Avoid breathing vapor and spray mist. Avoid contact with skin and eyes. Wash hands after using.

**Ventilation:** Local exhaust preferable. General exhaust acceptable if the exposure to materials in section II is maintained below applicable exposure limits.

## Section IX - Precautions in Handling and Storing

Contents are **FLAMMABLE**. Keep away from heat, sparks & open flame. During use and until all vapors are gone, keep area ventilated. Don't smoke. Store in dry place keep cans tightly closed when not in use. Keep out of the reach of children.