MSDS – MATERIAL SAFETY DATA SHEET

SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Names/Trade Names: Part B of BaseKrete MD / HD / UT
Synonyms/Common Names: Acromatic polyisocyanate
Distributor's Name:
Sealbond Chemical Industries Inc.
A2 Araneta St. cor. Gen. Natividad St. Brgy. Ibayo, Tipas, Taguig City
Telephone Number: 883-1477 / 881-8813 / 514-3468

SECTION 2 – HAZARD IDENTIFICATION

PHYSICAL HAZARDS
Storage temperature should not exceed (40°C) in order to avoid excessive pressure build-up and possible release of contents. This component has strong adhesive characteristics. If accidental contact occurs, follow the appropriate first aid procedure described in Section 4 of this MSDS.

POTENTIAL HEALTH EFFECTS
Adequate ventilation and respiratory protection should be provided to avoid exceeding exposure limits listed in Section 8 of this MSDS.

ENTRY ROUTE: EFFECTS OF OVEREXPOSURE

Inhalation: May irritate mucous membranes with tightness in chest, coughing, or allergic asthma-like sensitivity. Extensive overexposure can lead to respiratory symptoms like bronchitis and pulmonary edema. These effects are usually reversible.

Eye: May be irritating to eyes.

Skin: May cause localized irritation, reddening or swelling. Prolonged or repeated exposure may lead to sensitization and/or contact dermatitis.

Ingestion: May cause irritation of mucous membranes in the month and digestive tract.

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:

	Typical %, By Weight	CAS #
Diphenylmethane-4,4'-diisocyanate	>99%	101-68-8

SECTION 4 – FIRST AID MEASURES

Inhalation: If breathing difficulty is experienced, move to area free of exposure. Provide fresh air. If necessary, provide oxygen or artificial respiration by trained personnel and obtain medical attention.

Eye Contact: Flush with clean water for at least 15 minutes and obtain medical attention.

Skin Contact: Use a rag to remove liquid from skin and remove contaminated clothing. Use of a solvent, such as acetone (nail polish remover) or mineral spirits, may help in removing uncured foam residue from clothing or other surfaces (avoid eye contact). May cause mild irritation or temporary darkening of skin. Persistent washing with soap and water will eventually remove all residue. If irritation persists, obtain medical attention.

Ingestion: Drink 1 to 3 glasses of water and seek immediate medical attention. Never give anything orally to an unconscious person.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Ventilate area of leak or spill. Wear appropriate personal protective equipment as specified in Section 8.

Spills: Pick up and place in a suitable container for reclamation or disposal, using a method that does not generate dust.

SECTION 7 – HANDLING AND STORAGE

Precautions During Handling and use: keep in a tightly closed container, stored in a cool , dry ventilated area. Protect against physical damage. Containers of this material may be hazardous when empty since they retain product residues (dust,solids); observe all warnings and precautions listed for the product.

SECTION 8 – EXPOSURE CONTROL/PERSONAL PROTECTION

Local Exhaust Ventilation: Use sufficient local exhaust ventilation to reduce level of respirable crystalline silica to below the OSHA OEL. See ACGIH "Industrial Ventilation, A Manual of Recommended Practice" (latest edition).

Respiratory Protection:

If it is not possible to reduce airborne exposure levels to below the OSHA PEL with ventilation, use the dust respirators that will reduce personal exposures to below the OSHA PEL.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Various coloured powder

Boiling Point: 4046°F/2230°C

Vapor Pressure (mm Hg.): None

Vapor Density (Air=1): None

Solubility in Water: Insoluble in water

Odor: None

Specific Gravity (Water=1):2.65

Melting Point: 3110°F/1710°C

Evaporation Rate (Butyl Acetate=1): None

SECTION 10 – STABILITY AND REACTIVITY

Stability: Stable under ordinary conditions of use and storage.

Incompatibility (Materials to Avoid):

Hazardous Decomposition or Byproducts: No information found.

Hazardous Polymerization: Will not occur.

SECTION 11 – TOXICOLOGICAL INFORMATION

Dust may act as an irritant

SECTION 12 – ECOLOGICAL INFORMATION

No information found

SECTION 11 – TOXICOLOGICAL INFORMATION

Ingestion :LD50>2000 mg/kg

Skin and Eyes contact :Irritating to skin and eyes. May cause sensitization by Inhalation and skin contact.

SECTION 12 – ECOLOGICAL INFORMATION

The following ecological assessment result from the basis of the raw materials contained in the products and/or structurally comparable substances.

Persistence and degradability : The product is poorly biodegradable.

Aquatic toxicity : Acute fish toxicity LC50>100mg/l
Acute bacterial toxicity Eco>100 mg/l

SECTION 13 – DISPOSAL CONSIDERATIONS

RCRA 40 CFR 261 Classification: Incinerate or use hazardous waste treatment procedures that are in accordance with Federal, State and Local regulations.
Federal, State and local laws governing disposal of materials can differ. Ensure proper disposal compliance with proper authorities before disposal.

SECTION 14 – TRANSPORT INFORMATION

UN number: None allocated
Subsidiary risk: None allocated
Shipping Name: None allocated
Poisons schedule: None allocated
Dangerous goods class: None allocated
EPG card: None allocated
Packing group: None allocated
Hazchem code: None allocated

SECTION 15 – REGULATORY INFORMATION

EPA Regulations: This material in not considered a hazardous material.
RCRA Hazardous Waste Number: Not listed (40 CFR 261.33):None
RCRA Hazardous Waste Classification (40 CFR 261): Not classified
CERCLA Hazardous Substance (40 CFR 302.4) unlisted specific per RCRA, Sec. 3001; CWA, Sec. 311 (b)(4); CWA, Sec. 307(a), CAA, Sec. 112
CERCLA Reportable Quantity (RQ), None
SARA 311/312 Codes: None
SARA Toxic Chemical (40 CFR 372.65):None
SARA EHS (Extremely Hazardous Substance) (40CFR 355): Not listed,
TSCA Inventory Status (40CFR710): All components of this formula are on the TSCA inventory.

SECTION 16 - OTHER INFORMATION

Label Information: ND
European Risk and Safety Phrases: ND
European symbols needed: ND
Canadian WHMIS Symbols: ND
Hazard Rating
Health: **2**; Fire: **1**; Reactivity: **0**
(0=least, 1=Slight, 2=Moderate, 3=High, 4=Extreme)

Abbreviations used in this document
NE= Not established
NA= Not applicable
NIF= No Information Found
ND= No Data