

MATERIAL SAFETY DATA SHEET
DELTA KITS INC.

PRODUCT: PREMIUM BOND 144-1T

I. PRODUCT IDENTIFICATION

NFPA EST:	HMIS EST:
Health: 2	Health: 2
Fire: 1	Flam: 1
React: 1	React: See X

PRODUCT NAME: PREMIUM BOND 144-1T
Synonyms: Polyurethane Oligomer Mixture;

II. COMPOSITION

Ingredient	Concentration %	C.A.S. Number	ACGIH TLV
High Boiling (Meth) Acrylate	27-38	PROPRIETARY	--
Maleic Acid	0.5-3	110-16-7	--
High Boiling (Meth) Acrylate	17-29	PROPRIETARY	--
High Boiling (Meth) Acrylate	2-13	PROPRIETARY	--
Acrylic Acid	14-25	79-10-7	2 ppm
Polyester Acrylate Oligomer	7-14	PROPRIETARY	--

III. CHEMICAL AND PHYSICAL PROPERTIES

Vapor Pressure: 6 mm Hg at 30° C	Vapor Density: Heavier than air
Solubility in Water: Insoluble	Specific Gravity: 1.07
Boiling Point: N/A.	Appearance: Amber liquid
Odor: Mild	

IV. FLAMMABILITY AND EXPLOSIVE PROPERTIES

Flash Point: > 200° F. (P.M.C.C.). Recommended Extinguishing Agents: water spray, foam, dry chemical, or CO₂. Hazardous Products Formed by Fire or Thermal decomposition: Toxic fumes (oxides of carbon and nitrogen) may be evolved upon exposure to heat or open flame. Unusual Fire or Explosion Hazards: None. Compressed Gasses: None. Pressure at Room Temp: N/A.

V. REACTIVITY DATA

Stability: Stable. Hazardous Polymerization: May occur. Hazardous Decomp. Prod.: None; Incompatibility: Oxidizers, amines, strong Lewis or mineral acids, thio-sulfates. Smoke and toxic fumes may be evolved as a result of uncontrolled exothermic reaction of large masses of material reacting with curing agents, such as peroxides, amines, or exposure to light.

VI. SPILL OR LEAK PROCEDURES

Dike the area to prevent spreading. Absorb on vermiculite, sand or other inert absorbing material. Dispose of as a chemical waste in accordance with current local, state, and federal regulations.

VII. STORAGE AND HANDLING PROCEDURES

Storage: Avoid storage over 100° F, exposure to light, loss of dissolved air, loss of polymerization inhibitor, contamination with incompatible materials.

Handling: Avoid prolonged or repeated breathing of vapor.

VIII. SHIPPING REGULATIONS

DOT AND IATA Hazard Classification: Corrosive Liquid N.O.S.
Proper DOT shipping name: Corrosive Liquid N.O.S.
Identification Number: DOT - None IATA - None

IX. EMERGENCY TREATMENT PROCEDURES

Eye Irritation: Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.
Skin Contact: In case of skin contact, wash thoroughly with soap and water. Do not use organic solvents for cleanup as they may dry or irritate the skin and act as a carrier for chemical absorption.
Inhalation: Remove affected person to fresh air.
Ingestion: Low toxicity; get medical attention.

X. PERSONAL PROTECTION

Respiratory: Positive fresh air exhaust should be provided in the work area; Respiratory equipment is unnecessary in normal use.
Skin: Avoid skin contact. Wear gloves and impervious protective clothing if frequent direct contact is likely.
Eyes: Do not wear contact lenses. Chemical safety goggles are recommended.

XI. HEALTH HAZARD DATA

Potential Routes of Entry: Skin, eyes, inhalation.
Symptoms of Overexposure: Possible skin and eye irritation on contact. Inhalation of vapors in an unventilated area may over time, induce headaches.

Table with columns: Exposure Limits, ACGIH (TLV), OSHA (PEL), OTHER, Ingredients, Target Organs, Carcinogen: NTP, IARC, OSHA. Rows include High Boiling (Meth)Acrylate, Acrylic Acid, Maleic Acid, and Polyester Acrylate Oligomer.

XII. REGULATORY INFORMATION

Sara Listed Ingredients: ACRYLIC ACID

TSCA Inventory: All Ingredients

STATE RIGHT-TO-KNOW:

CALIFORNIA Proposition 65

This product does not contain materials which the State of California has found to cause cancer, birth defects, or other reproductive harm.

MASSACHUSETTS Right-To-Know, Substance List (MSL) Hazardous Substances and Extra Ordinary Hazardous Substances on the MSL must be identified when present in products. Components present in this product at a level which could require reporting under the statute are: **NONE**

PENNSYLVANIA Right-To-Know Hazardous Substance List Hazardous Substances and Special Hazardous Substances on the List must be identified when present in products. Components present in this product at a level which could require reporting under the statute are: **NONE**

OTHER REGULATORY INFORMATION: **NONE**

ABBREVIATIONS: N/A = Not Applicable; ALG = Allergen; IRR = Irritant; KID = Kidney; LIV = Liver; REP = Reproductive.

ACGIH = American Conference of Governmental Industrial Hygienists

OSHA = Occupational Safety and Health Administration

TLV = Threshold Limit Value

PEL = Permissible Exposure Limit

NTP = National Testing Program

IARC = International Agency for Research on Cancer

NFPA = National Fire Protection Association

HMSA = Hazardous Materials Identification System

-- = No Data / Not Available

XIII. PREPARATION INFORMATION

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