

MATERIAL SAFETY DATA SHEET

January 5, 2009

SECTION 1: PRODUCT IDENTIFICATION

PRODUCT NAME: Dura Rely-A-Soft Liquid

MANUFACTURER: Reliance Dental Mfg., Co., 5805 W. 117th Place, P.O. Box 38, Worth, IL 60482

TELEPHONE: For Product Information: 708-597-6694 For Medical Information: 800-535-5053

SECTION II - HAZARDOUS INGREDIENTS OF MIXTURES

HAZARDOUS COMPONENT	CAS REG. NO.	TWA	(UNITS)	PEL	(UNITS)
Morflex 190	85-70-1	5	mg/m ³	5	mg/m ³
Ethyl Acetate	141-78-6	400	ppm	400	ppm
Ethyl Alcohol	64-17-5	1000	ppm	1000	ppm

SECTION III - PHYSICAL DATA

BOILING POINT: NIA **SPECIFIC GRAVITY** (h₂O=1): 1.07 **VAPOR PRESSURE:** NIA

MELTING POINT: NIA **VAPOR DENSITY** (AIR=1 @ 20°C) 9.6 **EVAPORATION RATE** (Bu Ac =1) 6

SOLUBILITY IN WATER: Slightly soluble **APPEARANCE & ODOR:** Clear, pale, oily liquid having a pleasant odor.

SECTION IV: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 74°F (TOC); 60°F (TCC) **FLAMMABLE LIMIT** LEL =3.3%* UEL = 19%* **EXTINGUISHER METHOD:** Carbon dioxide, dry chemical or foam. Water may be ineffective. **SPECIAL FIRE FIGHTING PROCEDURES:** Wear self-contained breathing apparatus with full protective clothing. Use water spray to cool container. **UNUSUAL FIRE AND EXPLOSION HAZARDOUS:** Vapors may travel a considerable distance to source of ignition and flash back. Closed containers exposed to heat may explode. **TRANSPORT INFORMATION: Dot Shipping Classification:** Synthetic Plastic Plasticizer. **Dot Hazard Class:** N/A. **UN Number:** N/A. **Dot Hazard Label:** N/A. **IMO:** Not Listed. * For pure alcohol

SECTION V – REACTIVITY DATA

STABILITY: Stable **CONDITIONS TO AVOID:** Heat and sources of ignition. **INCOMPATIBILITY (MATERIALS TO AVOID):** Oxidizing and strong reducing agents, strong acids, alkalies and nitrates. **HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon monoxide and carbon dioxide. **HAZARDOUS POLYMERIZATION:** Will not occur.

SECTION VI – HEALTH HAZARD INFORMATION

PRIMARY ROUTES OF ENTRY: Inhalation, skin, ingestion and eyes. **HEALTH HAZARDS: ACUTE: Inhalation:** May cause irritation of the throat and respiratory tract and nausea. **Skin Contact:** Repeated or prolonged contact may cause redness or burning. **Ingestion:** May cause nausea, abdominal pain, diarrhea and intoxication. **Eye Contact:** May cause irritation, burning, tearing and redness. **CHRONIC: Overexposure:** May cause kidney and/or liver damage, headaches and anemia. **Mutagenicity:** NIA **Carcinogenicity:** NIA **Reproductive Toxicity:** NIA **Medical Conditions Aggravated by Exposure:** NIA

SECTION VII – FIRST AID INFORMATION

Ingestion: If symptoms develop, seek medical attention. **Inhalation:** Remove to fresh air. If breathing has stopped, give artificial respiration and get prompt medical attention. **Skin Contact:** Wash affected skin areas with soap and water. Seek medical attention if irritation or redness develops. **Eye Contact:** Flush eyes with copious amounts of water for 15 minutes, including under eyelids. Seek medical attention. **Clothing:** Wash thoroughly before reuse.

SECTION VIII – PRECAUTIONS FOR SAFE HANDLING/USE

In case of spill: Immediately eliminate all sources of ignition. Ventilate area. Avoid eye and skin contact. Cover spill with absorbent. Sweep up and place in approved container for disposal. Keep spilled material out of sewers. **Waste Disposal Method:** Waste disposal should be carried out in accordance with federal, state and local regulations. Do not flush to surface water or sanitary sewer system. Incinerate waste material in accordance with federal/state, and local requirements. Do not incinerate in closed containers. Do not allow materials to contaminate ground water systems. **Hazardous Waste Codes:** D001, U069 and U112. **Storage & Handling:** Store in a cool dry place away from heat and flames.

SECTION IX – EXPOSURE CONTROL & PERSONAL PROTECTION INFORMATION

Local Exhaust: Local exhaust ventilation is recommended as the sole means of controlling employee exposure because it prevents dispersion of fumes into the general work area by controlling them at the source. **Mechanical (General):** NOT recommended as the sole means of controlling employee exposure. **Protective Gloves:** Impervious. **Eye Protection:** Safety glasses. **Other Protective Equipment:** Eyewash station. **Work/Hygienic Practices:** Avoid breathing vapors. Avoid contact with skin, eyes and clothing. Wash thoroughly with soap and water after handling and before eating or smoking.