

SECTION 1 - PRODUCT IDENTIFICATION

Common Name: Duraset 1000 Acrylic Modifier

(As appears on label)

Manufacturer/Supplier: Concrete Coatings Inc
PO Box 150071
Ogden, UT 84415
1-800-443-2871

Prepared by: Troy Harris, Technical Director

Emergency: Chemtrec 1-800-424-9300

Hazard Rating		Scale
Toxicity	1	4 = Extreme
Flammability	0	3 = High
Reactivity	0	2 = Moderate
Special	0	1 = Slight
		0 = Insignificant

SECTION 2 – HAZARDOUS INGREDIENTS

Hazardous Components Chemical & Common Names	CAS No.	Percent By Weight*
Acrylic Polymer	Not Hazardous	46-48
Individual Residual Monomers	Not Required	<0.1
H ₂ O	7732-18-5	52-54

Major = over 25%, Minor = 6-25%, Trace = Under 6%, Residue = Unknown % Residue Possible

SECTION 3 – PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: 100° C/212° F Water
Melting Point: 0 ° C/ 32 ° F Water
Specific Gravity (Water = 1): 1.0-1.2
Vapor Pressure (mm Hg): 17 mm Hg @ 20° C/68° F
Vapor Density (Air = 1): <1 Water
Solubility in Water: Dilutable
Evaporation Rate
(Butyl Acetate=1) <1 Water
Appearance & Odor Thick Paste of various color. Mild glue-like odor
PH: 9.5-10.5
Percent Volatility 53-54% water
Appearance & Odor Milky white liquid, with acrylic odor, slight ammonia smell.

SECTION 4 – FIRE AND EXPLOSION DATA

Flash Point: Noncombustible
Flammable Limits: **Lower Explosive Limit:** N/A
Upper Explosive Limit: N/A
Extinguishing Media: Alcohol, Dry Chemical, Water Fog and Foam
Unusual Fire/Explosion Hazards: Product can splatter at temps above 100 ° C / 212 ° F

SECTION 5 – REACTIVITY DATA

Stability:	Stable under normal storage conditions
Incompatible with:	N/A
Hazardous decomposition products:	Thermal decomposition may yield acrylic monomers
Hazardous polymerization:	Will not occur.

SECTION 6 HEALTH HAZARD DATA

Effects of Overexposure:

Inhalation:	Inhalation of mist or vapor can cause irritation of upper respiratory tract.
Skin Contact:	Direct or repeated skin contact can cause slight skin irritation, flaking, and softening of skin.
Eye Contact:	Direct contact to eyes can cause irritation, tearing, swelling, and possible burning sensation

Emergency and First Aid Procedures:

Eyes:	Flush eyes with water for 15 minutes. Consult physician if irritation persists.
Skin:	Wash area thoroughly with soap and water
Inhalation:	Move victim to fresh air.
Ingestion:	If swallowed, give two glasses of water to drink; consult physician. Never give anything by mouth to an unconscious person.

SECTION 7 – SPILL OR LEAK PROCEDURES

If Material Spills or Leaks:	Surface may be slippery. Contain spills using inert materials. Transfer liquids and solid materials to suitable container. Keep spills out of municipal sewers and large bodies of water.
Waste Disposal:	Dispose of in accordance with local, state and federal regulations

SECTION 8 – SAFE HANDLING AND STORAGE INFORMATION

Respiratory Protection	None required under normal conditions. When mist occurs during spraying operations, wear an approved disposable half mask dust/mist respirator.
Protective Equipment:	Impervious gloves, neoprene or rubber; safety glasses with splash guards or side shields, chemical goggles, or face shields.
Other Equipment and Practices:	Standard painting clothing is suitable.
Special Precautions for Handling and Storage:	Keep from freezing, material may cogulate. Minimum Temp – 1 ° C / 34 ° F; Maximum Temp – 49 ° C / 210 ° F.



SECTION 9 – SHIPPING INFORMATION

DOT Shipping Name: Not Regulated
DOT Hazard Class: N/A

SECTION 10 – REGULATORY INFORMATION

This product is considered hazardous under the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Cercla - Sara hazard category:

This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

IMMEDIATE HEALTH HAZARD CHRONIC HEALTH HAZARD

SARA SECTION 313:

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:

----- **CHEMICAL NAME** ----- **CAS NUMBER** **WT/WT % IS LESS THAN**

No SARA Section 313 components exist in this product.

TOXIC SUBSTANCES CONTROL ACT:

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(B) if exported from the United States:

----- **CHEMICAL NAME** ----- **CAS NUMBER** **WT/WT % IS LESS THAN**

No information is available.

CALIFORNIA PROPOSITION 65:

WARNING: The chemical(s) noted below and contained in this product, are known to the state of California to cause cancer, birth defects or other reproductive harm:

----- **CHEMICAL NAME** ----- **CAS NUMBER** **WT/WT % IS LESS THAN**

No Proposition 65 chemicals exist in this product.

INTERNATIONAL REGULATIONS: AS FOLLOWS -

CANADIAN WHMIS: This MSDS has been prepared in compliance with Controlled Product Regulations except for use of the 16 headings.

CANADIAN WHMIS CLASS: No information available.

USERS RESPONSIBILITY & DISCLAIMER OF LIABILITY: A bulletin such as this cannot be expected to cover all possible situations. As the user has the responsibility to provide a safe workplace, all aspects of an individual operation should be examined to determine if, or where precautions – in addition to those described herein are required. Although the information contained herein is based on data considered to be accurate, all materials present unknown health hazards, and should be used with caution and by properly trained personnel. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist. Any health hazard and safety information should be passed onto your customers or employees, as the case may be. Final suitability of the chemical for each circumstance is the sole responsibility of the end user. No representation or warranties either expressed or implied, of merchantability, fitness for a particular purpose, or any other nature are made hereunder with respect to the information contained herein, or the chemical to which the information refers. It is the sole responsibility of the end user to comply with all applicable federal, state and local laws and regulations. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Additionally, vendor assumes no responsibility for injury to vendee or third persons proximately caused by abnormal use of the material even if reasonable safety procedures are followed.