MATERIAL SAFETY DATA SHEET

## Product Name: DR-19-989

### HMIS: HEALTH-2 FIRE-1 REACTIVITY-1 PROTECTION-D

### SECTION-I MANUFACTURER IDENTIFICATION

Manufacturer’s Name: Design Chemicals Corporation

Address: 501 Silverside Road Wilmington, DE 19809

Emergency Phone: 1(800)846-3242 Information Phone: (302)791-0338

Data revised: 11/29/10

### SECTION-II HAZARDOUS INGREDIENTS

No reportable quantities of hazardous ingredients are present

No toxic chemical subject to the reporting requirements of section 313 of Title 111 and of 40 CPR 372 present.

The chemical identity is held as trade secret NJTSR 6384219989

### SECTION-III PHYSICAL CHEMICAL CHARACTERISTICS

BOLING RANGE: N/A SPECIFIC GRAVITY (H20=10): 1.1

VAPOR DENSITY (AIR = 1) : <1 EVAPORATION RATE (Bac =10) <1

SOLUBILITY IN WATER: NONE APPEARANCE & ODOR: Straw like liquid, acrylate odor

### SECTION- IV FIRE & EXPLOSIVE HAZARD DATA

FLASH POINT: >212OF METHOD USED:

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A UPPER: N/A

EXTINGUISHING MEDIA:

Co2 dry chemical water fog:

SPECIAL FIRE FIGHTING PROCEDURES:

Fire fighters to wear self contained breathing apparatus and complete personal protective equipment.

USUSUAL FIRE & EXPLOSIVE HAZARDS

High temperature and fire conditions may cause rapid and uncontrollable polymerization which can result in violent rupture of containers.

### SECTION-V REACTIVITY DATA

STABILITY: Stable

CONDITION TO AVOID:

Don’t expose to temperature above 100oF or light

 INCOMPATABILITY (MATERIAL TO AVOID)
oxidizing agents, peroxides copper.

HAZARDOUS POLYMERIZATION
Product will not go polymerization under normal conditions.

### SECTION-VI HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE
Inhalation: Mildly irritating chest pains.

SKIN & EYE CONTACT HEALTH SYMPTOMS OF EXPOSURE
Skin contact: Prolong or repeated skin contact can cause skin irritation and may cause dermatitis
eye contact: irritation may aggravate exiting conditions.

INDESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE
Do not induce vomiting. Consult a physician.
Never give anything by mouth to an unconscious person.

CARCINOGENICITY: NTP? NO IRAC MONOGRAPHS? NO OSHA REGULATED? NO.

MEDICAL CONDIITON GENERALLY AGGRAVATED BY EXPOSURE.
ON prolonged contact some people can get allergic reaction or sanitization may occur.

EMERGENCY AND FIRST AID PROCEDURES
Inhalation: Move subject to fresh air, if breathing is difficult, administer oxygen.
Skin Contact: Wash affected skin area thoroughly with soap and water. Consult physician if irritation persists.
Eye Contact: Flush with water for at least 15 minutes.

### SECTION- VII PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IF MATERIAL IS SPILLED

Appropriate protective equipment must be worn when handling spill of this material SEE CONTROL MEASURE SECTION for recommendation. If exposed to material during cleanup operation, SEE FIRST AID PROCEDURES SECTION for actions to follows. Absorb with inert material. Keep spills and runoffs out of municipal sewers and open bodies of water.

WASTE DISPOSAL METHOD

Incinerate or use biological treatment in accordance with Federal and local regulation.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE

Store at temperature below 900F. Do not expose to light for extended period of time.

### SECTION- VIII CONTROL MEASURE

RESPORATORY PROTECTION

None required if used at room temperature. If material is heated, wear MSHA/NIOSH approved full mask air purifying respirator. Air purifying respirators should be equipped with particulate pre filters.

VENTILATION
Use local exhaust ventilation.

PROTECTIVE GLOVES
Gloves made of neoprene provide adequate protection against permeation

OTHER PROTECTIVE CLOTHING OR EQUIPMENTFacilities storing or utilizing material should be equipped with eyewash station and safety shower

WORK/HYGIENIC PRACTICES:
Work in well ventilated area. Wash skin thoroughly with soap and water use.

TRANSPOTATION INFORMATION

Not classified as dangerous in meaning of transportation regulations.

**REGULATORY INFORMATION**

Regulatory Information Inventory Status

 On TSCA, on DSL

 NFPA Rating (0-4)

 Health=2 Flammability=1 Reactivity=1 Special=0

 NO Hazard Class

Symbol(s) None

R-phrases(s) None

S-phrases(s) S26 In case of contact with eyes, rinse immediately with plenty of water

And soap.S36/37/39 Wear suitable protective clothes, gloves and safety glasses.

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