

**DY-KAST SUPPLY & EQUIPMENT CO.**

1382 Lear Industrial Park

AVON, OH 44011

Ph: 440-937-7979 Fax: 440-937-7999

Web Site: www.dykast.com

**MATERIAL SAFETY DATA SHEET**

NO: 4-88

REV. NO. 2

DATE REVISED: Mar. 26, 2009

**I PRODUCT IDENTIFICATION**

TRADE NAME: R-COAT-3000-ZN3

COMMON NAME: Ceramic coating

CHEMICAL NAME: None

DISTRIBUTOR:

CAS #: Not Established

FORMULA: Not Established

TELEPHONE:

CONTACT:

Technical Director and/or Safety,  
Hygiene and Environmental Coordinator**II PRODUCT INGREDIENTS**

INGREDIENT NAME	CAS NO.	%	PERMISSIBLE EXPOSURE LIMITS
Ceramic Material	71-34-1	30-40	10mg/m3 TLV 15mg/m3 PEL
Potassium Silicate	1312-76-1	1-10	10mg/m3 TLV 15mg/m3 PEL
Water		50-60	

**III PHYSICAL AND CHEMICAL CHARACTERISTICS**APPEARANCE AND ODOR: White pigment dispersed in water –  
mild odor

EVAPORATION RATE:

(Butyl Acetate=1) &lt;1

BOILING POINT: 212°F

SPECIFIC GRAVITY: (Water = 1) 1.40 – 1.45

VAPOR PRESSURE: Approx. = water

pH: 10.5 – 11.5

WATER SOLUBILITY: Dispersible

% VOLATILES BY WEIGHT: &lt;60

VAPOR DENSITY: (Air=1) Approx. = water

**IV PHYSICAL HAZARDS**

FLASH POINT: (TEST METHOD) None – contains water

EXTINGUISHING MEDIA: Not Established

UNUSUAL FIRE OR EXPLOSION HAZARDS: NONE

SPECIAL FIRE FIGHTING PROCEDURES: NONE

FLAMMABLE LIQUIDS AIR % BY VOLUME:

Lower - Not Established Upper – Not established

AUTO IGNITION TEMPERATURE: Not Established

**V HEALTH HAZARDS A. SUMMARY/RISK**

SUMMARY:

ACCUTE: Eye irritation due to high pH. Skin irritation: abraded or cut skin may increase irritation. Dust from dried product may increase present respiratory problems (example: bronchitis, asthma.)

CHRONIC: None determined