

DOW CONFIDENTIAL
REACTIVE CHEMICALS HAZARD DATA
PROPERTIES AND PRECAUTIONS

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REFERENCE NUMBER: RCT-36-0454
DATE OF ISSUE: MAY 16 86
DATE SAMPLE RECEIVED: APR 11 86

MATERIAL NAME:
AQUEOUS SODIUM HYDROXIDE + D.E.R. 732 INTERMEDIATE IN METHYL ISOBUTYL
KETONE + DOWTHERM J

MOLECULAR FORMULA:
PHYSICAL STATE: LIQUID
STRUCTURAL FORMULA/COMPOSITION:

PURITY: MIXT
DR #:

33.0% OF (25% SODIUM HYDROXIDE + 75% WATER) + 62.0% OF (66.4% D.E.R. 732
INTERMEDIATE + 16.8% METHYL ISOBUTYL KETONE + 0.84% E-400 POLYGLYCOL + 16.0%
DOWTHERM J)

RELATED TO WHAT PROCESS OR PRODUCT:

D.E.R. 732

SOURCE OF SAMPLE:

RESINS RESEARCH

STAGE OF DEVELOPMENT: PILOT PLANT

OWNER OR ORIGINATOR OF REQUEST FOR TESTING:

NAME KEVIN COULTER

OLIG B-1410

LOCATION: RESINS RES

CHARGE #: 1208

PHONE #: 4092380116

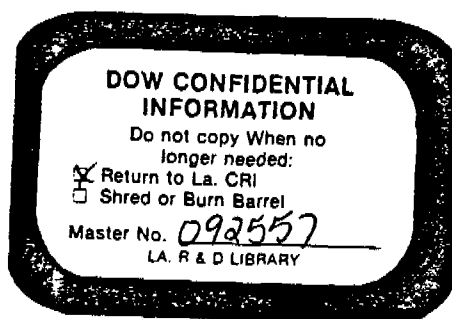
REVIEWED BY: JPB

CLEARANCE AUTHORIZED BY: MITCHELL R. WHITE

WARNING: DATA HEREIN ARE SUBMITTED IN GOOD FAITH, BUT THEY ARE NOT WARRANTED
OR GUARANTEED IN ANY RESPECT. BECAUSE THESE DATA ARE BASED UPON
LABORATORY TEST CONDITIONS, CAUTION MUST BE EXERCISED BEFORE
EXTENDING THESE DATA TO DIFFERENT ENVIRONMENTS. THE DATA REPORTED
HEREIN SHOULD BE REVIEWED BY DOW REACTIVE CHEMICALS PERSONNEL
BEFORE THEY ARE USED OR RELIED UPON IN ANY APPLICATION.

ATTACHED SECTIONS: DTA:X DSC: ARC: CAL:X FP: FL: AT: DE: SS: THR:

THIS RECORD IS IN THE GENERAL DATABASE.



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RECORD RETENTION DISPOSAL
DATE 1/1/2007

DO 071498
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REACTIVE CHEMICALS HAZARD DATA

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REACTIVE CHEMICALS #: RCT-86-0454

SECTION 2A: DIFFERENTIAL THERMAL ANALYSIS (DTA)
REPEAT NUMBER 1

TEMP. HEATING RATE (DEG C/MIN) | MIN. TEST TEMP. (DEG C) | MAX. TEST TEMP. (DEG C)
20 | 30 | 275

EVENT (ENDO/EXO)	ONSET (DEG C)	PEAK (DEG C)	END (DEG C)
EXO	208	235	265

***** DTA DATA IS QUALITATIVE *****

RUN BY: N. ORCHARD	SAMPLE CONTAINER: GLASS
TEST DATE: MAY 16 86	SAMPLE ATMOSPHERE: AIR
TEST REF: 86-360	SAMPLE WT. BEFORE TEST:
	SAMPLE WT. AFTER TEST:

COMMENTS APPEAR AT END OF DTA SECTION

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REACTIVE CHEMICALS HAZARD DATA

REACTIVE CHEMICALS #: RCT-86-0454

DTA COMMENT SECTION

COMMENTS:

TEST STOPPED AT 275 DEG. C

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REACTIVE CHEMICALS #: RCT-86-0454

SECTION 4: CALORIMETRY (OTHER THAN DTA, DSC OR ARC)

RLN NUMBER 1:

TYPE OF CALORIMETER: BENCHTOP

TEST RUN BY: N. ORCHARD

TEST DATE: MAY 16 86

TEST REF.: 86-366

CALORIMETRY TEXT BLOCK ON NEXT PAGE.

AUTOMATICALLY GENERATED

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REACTIVE CHEMICALS HAZARD DATA

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C
REACTIVE CHEMICALS #: RCT-86-0454

CALORIMETRY RESULTS TEXT BLOCK
NO CHANGE IN TEMPERATURE

C
AUTUMN 1986

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