

DOW CONFIDENTIAL
REACTIVE CHEMICALS HAZARD DATA
PROPERTIES AND PRECAUTIONS

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REFERENCE NUMBER: RCT-85-0024
DATE OF ISSUE: JAN 10 85
DATE SAMPLE RECEIVED: JAN 04 85

MATERIAL NAME:
ZIMMITE 2C 301 + 50% SODIUM HYDROXIDE

MOLECULAR FORMULA: PURITY: MIXT %
PHYSICAL STATE: LIQUID DR %:

STRUCTURAL FORMULA/COMPOSITION:

50% ZIMMITE 2C 301 (CORROSION AND DEPOSIT INHIBITOR-FROM ZIMMITE CORP.,
WESTLAKE, OH) + 50% (50% SODIUM HYDROXIDE)

RELATED TO WHAT PROCESS OR PRODUCT:

GLYCERINE PRODUCTS

SOURCE OF SAMPLE:

GLYCERINE TECH. SERVICES

STAGE OF DEVELOPMENT: PRODUCTION PLANT

OWNER OR ORIGINATOR OF REQUEST FOR TESTING:

NAME: L. HAWLEY

BLDG: B-1903

LOCATION: GLYCERINE TECH. SERV

CHARGE #: 6908

PHONE #: 4092380733

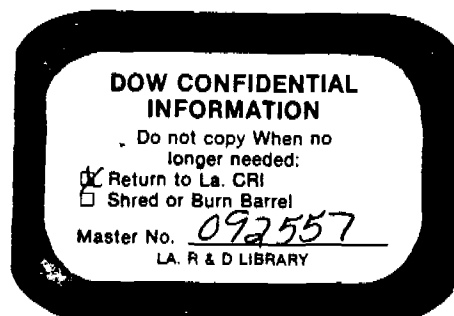
TESTS REVIEWED BY: JPB

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 1/1/2006

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REACTIVE CHEMICALS #: RCT-85-0024

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 | 300

EVENT (ENDO/EXO)	ONSET (DEG C)	PEAK (DEG C)	END (DEG C)
EXO	177	240	270

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

T₀ RUN BY: C. P. WARD
TEST DATE: JAN 10 85
TEST REF.: 85-25

| SAMPLE CONTAINER: GLASS
| SAMPLE ATMOSPHERE: AIR
| SAMPLE WT. BEFORE TEST: MC
| SAMPLE WT. AFTER TEST: MC

COMMENTS APPEAR AT END OF DTA SECTION

ADDITIONAL DATA

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REACTIVE CHEMICALS #: RCT-85-0024

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

RUN NUMBER 1:

TYPE OF CALORIMETER: BENCHTOP
TEST RUN BY: C. P. WARD
TEST DATE: JAN 10 85
TEST REF.: 85-25

CALORIMETRY TEXT BLOCK ON NEXT PAGE.

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REACTIVE CHEMICALS HAZARD DATA

REACTIVE CHEMICALS #: RCT-85-0024

CALORIMETRY RESULTS TEXT BLOCK
CHANGE IN TEMPERATURE +7.4 DEG. C HEAT OF REACTION -11.1 CAL/ML +/-20%

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