DPM 3506

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PRODUCT CODE NO.: 6-6753

MATERIAL SAFETY DATA SHEET

SECTION I – IDENTIFICATION OF PRODUCT:

TRADE NAME: ACRYLOID B-72 (50%)

FREIGHT CLASSIFICATION: Flammable Liquid

FORMULA:

CHEMICAL NAME & SYNONYMS: Acrylic resin

SECTION II – HAZARDOUS COMPONENTS OF MIXTURES:

COMPONENT	WEIGHT %	T.L.V.
Toluol	50	200 ppm

SECTION III – PHYSICAL DATA:

APPEARANCE – ODOR: Clear, colorless, viscous liquid.

BOILING POINT (°F): Toluol 231

VAPOR PRESSURE 68 °F (MM MERCURY): Toluol 21

VAPOR DENSITY (AIR = 1): Toluol 3.1

EVAPORATION RATE (butyl acetate = 1): Toluol 1.9

MELTING OR FREEZING POINT (°F):

SPECIFIC GRAVITY (WATER = 1): 1.0

Percent Volatile (by weight): 50

SOLUBILITY IN WATER: insoluble

SECTION IV – FIRE & EXPLOSION HAZARD DATA:

FLASH POINT °F (METHOD USED): 60 TOC 44 (PMCC)

LOWER EXPLOSION LIMIT: Toluol 1.2

UPPER EXPLOSION LIMIT: Toluol 7.1

AUTO IGNITION TEMPERATURE (°F):

DUST:

MINIMUM EXPLOSION CONCENTRATIONS (OZ/CU FT.):

ENERGY TO IGNITE (MILLIJOULES):

EXTINGUISHING MEDIA:

[X] FOAM [ ] ALCOHOL FOAM [X] CO_2 [X] DRY CHEMICAL [X] WATER FOG [ ] OTHER

SPECIAL FIRE FIGHTING PROCEDURES:
Wear goggles and a self-contained breathing apparatus.

UNUSUAL FIRE & EXPLOSION HAZARDS: Vapors are heavier than air and may travel a considerable distance to a source of ignition and flash back.

SECTION V – HEALTH HAZARD DATA:

THRESHOLD LIMIT VALUE:
Not established.

EFFECTS OF OVEREXPOSURE:
Toluol is narcotic in high concentrations and also may cause burns of the eye, nausea, dizziness, skin irritation and mild blood changes when exposed above TLV.

EMERGENCY AND FIRST AID PROCEDURES

Inhalation: Remove to fresh air. Administer artificial respiration and oxygen, if indicated.

Skin & Eye Contact: Wash skin thoroughly with soap and water. Flush eyes with copious quantities of water for 15 minutes. Call a physician.

Ingestion: Do not induce vomiting. Call a physician promptly.

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SECTION VI – REACTIVITY DATA:

STABILITY: [X] STABLE [ ] UNSTABLE

CONDITIONS TO AVOID: N.A.[1]

HAZARDOUS DECOMPOSITION PRODUCTS:
Thermal decomposition may generate CO and/or CO_2.

HAZARDOUS POLYMERIZATION: [ ] MAY OCCUR [X] WILL NOT OCCUR

CONDITIONS TO AVOID: N.A.

INCOMPATABILITY (MATERIALS TO AVOID): [ ] WATER [ ] OTHER N.A.

SECTION VII – SPILL OR LEAK PROCEDURE:

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:
Avoid breathing vapors. Avoid ignition sources. Dike with earth and absorb on inert material, such as sand. Place into containers.

WASTE DISPOSAL METHODS:
Landfill in accordance with federal, state, and local regulations.

SECTION VIII – SPECIAL PROTECTION INFORMATION:

TYPE OF VENTILATION:
Local exhaust: Adequate to keep vapors below TLV and LEL. Mechanical: Spark-proof motors.

RESPIRATORY PROTECTION (SPECIFY TYPE):
Self-contained breathing apparatus if exposed to vapors.

PROTECTIVE GLOVES:
Impervious gloves

EYE PROTECTION:
Acid goggles (ANSI Z87.1-1968)

OTHER PROTECTIVE EQUIPMENT:
N.A.

SECTION IX – STORAGE AND LABELING:

STORAGE	INDOOR:	HEATED:	REFRIGERATED:	OUTDOOR:
	[X] YES [ ] NO	[ ] YES [X] NO	[ ] YES [X] NO	[ ] YES [X] NO

STORAGE TEMPERATURE (°F): MAX: MIN:

COMMENTS:
If temperatures exceed 100°F for long periods, storage tanks require cooling. If temperature fall below 50°F tanks should be heated to avoid unduly high viscosities.
Mild steel tanks will rust unless moisture is excluded. Ground containers before pouring.

PRECAUTIONARY LABELING:
Rohm and Haas Co. follows the Manufacturing Chemists' Association guide for the labeling of products which contain hazardous materials. Please refer to previous sections of this form and to product labels on containers.

THE INFORMATION CONTAINED HEREIN IS BASED ON DATA CONSIDERED ACCURATE. HOWEVER, NO WARRANTY IS EXPRESSED OR IMPLIED REGARDING THE ACCURACY OF THESE DATA OR THE RESULTS TO BE OBTAINED FROM THE USE THEREOF.
VENDOR ASSUMES NO RESPONSIBILITY FOR INJURY TO VENDEE OR THIRD PERSON 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. FURTHERMORE, VENDEE ASSUMES THE RISK IN HIS USE OF THE MATERIAL.

[1] N.A.-Not Applicable

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DATE 10/72