

Mobay

~~74I-07M-0008~~

Bayer



Mobay Corporation
A Bayer USA INC COMPANY

Health Environment
& Safety Department

August 31, 1987

Mobay Road
Pittsburgh, PA 15205-9741
Phone: 412/777-2000

Ms. Roberta Wedge
Staff Scientist
Dynamac Corporation
The Dynamac Building
11140 Rockville Pike
Rockville, MD 20852



74I-94-001818
INIT 87/14/94



84940600118

Dear Ms. Wedge:

In response to your request, we are enclosing for your information a Material Safety Data Sheet for the product RESOLIN NAVY BLUE 2GLS 200 dated 8/10/87. This Material Safety Data Sheet is in compliance with the OSHA Hazard Communication Standard.

We hope that you will find this information useful. If we may be of any further assistance, please feel free to contact us. Thank you for your interest in our products.

Sincerely,

Janet Mostowy
Supervisor, Product Safety

Enclosure

JM2815ps

cc: D. Hackathorn

Contains No CBI

Writer's Direct Dial Number

MATERIAL SAFETY DATA SHEET

Mobay Corporation
A Division of



STANDARD ADDRESS

MOBAY CORPORATION
Dyes, Pigments & Organics Division
Mobay Road
Pittsburgh, PA 15205-9741

ISSUE DATE
SUPERSEDES

8/10/87
7/86

TRANSPORTATION EMERGENCY: CALL CHEMTREC
TELEPHONE NO: 800-424-9300 DISTRICT OF COLUMBIA: 202-426-7016

MOBAY NON-TRANSPORTATION EMERGENCY NO.:
(412) 923-1800

I. PRODUCT IDENTIFICATION

PRODUCT NAME.....: ResoIn Navy Blue 2 GLS 200
 PRODUCT CODE NUMBER.....: 45530
 CHEMICAL FAMILY.....: Azo Dye
 CAS NUMBER.....: Proprietary Mixture
 T.S.C.A. STATUS.....: In Compliance

HAZARD COMMUNICATION

STATEMENT.....: This product is hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29 CFR 1910.1200.

II. HAZARDOUS INGREDIENTS

COMPONENTS:	%:	OSHA-PEL	ACGIH-TLV
CI Disperse Blue 79:1	Greater than 1%	Not Estab.	Not Estab.

III. PHYSICAL DATA

APPEARANCE.....: Powder
 COLOR.....: Blue
 ODOR.....: Mild Odor
 MELT POINT/FREEZE POINT...: Not Applicable
 BOILING POINT.....: Not Applicable
 VAPOR PRESSURE.....: Not Applicable
 pH.....: Not Established
 SPECIFIC GRAVITY.....: Not Applicable
 DENSITY.....: Not Established
 SOLUBILITY IN WATER.....: Dispersible
 % VOLATILE BY VOLUME.....: Not Applicable

IV. FIRE & EXPLOSION DATA

FLASH POINT °F(°C).....: Not Applicable

FLAMMABLE LIMITS -

Lel.....: Not Applicable

Uel.....: Not Applicable

EXTINGUISHING MEDIA.....: Water spray, dry chemical, CO₂, foam

SPECIAL FIRE FIGHTING PROCEDURES/UNUSUAL FIRE OR EXPLOSION HAZARDS:

Firefighters should be equipped with self-contained breathing apparatus to protect against potentially toxic and irritating fumes. Avoid dusting. Dust can form explosive mixtures with air.

Product Code: 0000
Page 1 of 4

V. HUMAN HEALTH DATA

PRIMARY ROUTE(S) OF

EXPOSURE.....: Eye and skin contact; inhalation of dusts

HUMAN EFFECTS AND SYMPTOMS OF OVEREXPOSURE

ACUTE.....: No applicable information was found concerning any adverse acute health effects from overexposure to this product.

CHRONIC.....: No applicable information was found concerning any adverse chronic health effects from overexposure to this product. See Section XII for bacterial mutagenicity data for C.I. Disperse Blue 79:1, a hazardous ingredient in this product.

MEDICAL CONDITIONS

AGGRAVATED BY EXPOSURE...: Although we have no data available on the effects of inhaling this product, persons with impaired pulmonary function may be more susceptible to the effects of inhaling any type of dusty material.

CARCINOGENICITY.....: The components of this mixture are not listed by the NTP, IARC or regulated by OSHA as a carcinogen.

EXPOSURE LIMITS.....: Although no exposure limit has been established for this product, the ACGIH-TLV for nuisance dust of 10 mg/m³-total dust, 5 mg/m³-respirable dust is recommended.

VI. EMERGENCY & FIRST AID PROCEDURES

EYE CONTACT.....: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Call a physician.

SKIN CONTACT.....: Flush skin with water. Wash clothing before reuse.

INHALATION.....: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.

INGESTION.....: If swallowed, call a physician.

VII. EMPLOYEE PROTECTION RECOMMENDATIONS

EYE PROTECTION.....: Chemical safety goggles

SKIN PROTECTION.....: Rubber gloves and chemically resistant clothing to minimize skin contact. Wash their hands and face before eating, drinking or using tobacco products.

RESPIRATORY PROTECTION....: Work ambient concentrations should be monitored and if the recommended exposure limit is exceeded, a NIOSH/MSHA approved dust respirator should be worn.

VENTILATION.....: Use local ventilation if dusting is a problem, to maintain air levels below the recommended exposure limit.

OTHER.....: Emergency showers and eye wash stations should be available.

STABILITY..... Stable
HAZARDOUSNESS..... Not expected
REACTIVITY
REACTS WITH WATER..... Oxidizing and reducing agents.
HAZARDOUS DECOMPOSITION PRODUCTS..... CO, CO₂, oxides of nitrogen, bromine and other potentially toxic fumes.

IX. SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Utilize recommended protective clothing and equipment. Spills should be swept up and placed in containers. Spill area can be washed with water. Collect wash water for approved disposal.

RCRA (SUPERFUND) REPORTABLE QUANTITY: None

WASTE DISPOSAL METHOD: Waste disposal should be in accordance with existing federal, state and local environmental regulations.

RCRA STATUS..... This product when discarded as solid would not be considered a RCRA hazardous waste.

X. SPECIAL PRECAUTIONS & STORAGE DATA

STORAGE TEMPERATURE

(MIN./MAX.)..... Not Established

AVERAGE SHELF LIFE..... Not Established

SPECIAL SENSITIVITY

(HEAT, LIGHT, MOISTURE): Avoid contact with moisture to keep product from caking.

PRECAUTIONS TO BE TAKEN

IN HANDLING AND STORAGE: Avoid breathing dust. Avoid contact with eyes and skin. Wash thoroughly after handling. Store in a dry place away from excessive heat, in original or similar waterproof containers. Reseal containers immediately after use.

XI. SHIPPING DATA

D.O.T. SHIPPING NAME..... None
TECHNICAL SHIPPING NAME..... Azo Dyestuff
D.O.T. HAZARD CLASS..... Non-Regulated
UN/NA ID..... None
PRODUCT ID..... None
D.O.T. LABELS REQUIRED..... None
D.O.T. PLACARDS..... None
PICT. CLASS BULK..... Dyes
PICT. CLASS PIG..... Coal Tar Dyes (HWC 60000)
PRODUCT LABEL..... ODA-4

Product Code: 40000

Page 3 of 4

XII. ANIMAL TOXICITY DATA

ACUTE -

ORAL, LD50.....: Data not established for product
DERMAL, LD50.....: Data not established for product
INHALATION, LC50.....: Data not established for product
EYE EFFECTS.....: Data not established for product
SKIN EFFECTS.....: Data not established for product
SENSITIZATION.....: Data not established for product
CHRONIC.....: Data not established for product
SUB-CHRONIC.....: Data not established for product
OTHER (Mutagenic, Teratogenic, Reproductive Tests): This product contains CI Disperse Blue 79:1 which has been determined to be mutagenic in testing with salmonella. No additional health affects, nor any additional literature, citations are available.
AQUATIC TOXICITY.....: Data not established for product

¹ Supplier Material Safety Data Sheet

XIII. APPROVALS

REASON FOR ISSUE.....: Update Format
APPROVED BY.....: J. Mostowy
TITLE.....: Senior Regulatory Compliance Representative

Product Code: 45550
Page 4 of 4