

APPLICATION FOR MATERIAL LICENSE

INSTRUCTIONS: SEE THE APPROPRIATE LICENSE APPLICATION GUIDE FOR DETAILED INSTRUCTIONS FOR COMPLETING APPLICATION. SEND TWO COPIES OF THE ENTIRE COMPLETED APPLICATION TO THE NRC OFFICE SPECIFIED BELOW.

FEDERAL AGENCIES FILE APPLICATIONS WITH:

U.S. NUCLEAR REGULATORY COMMISSION
DIVISION OF FUEL CYCLE AND MATERIAL SAFETY, NMSS
WASHINGTON, DC 20555

ALL OTHER PERSONS FILE APPLICATIONS AS FOLLOWS, IF YOU ARE LOCATED IN:

CONNECTICUT, DELAWARE, DISTRICT OF COLUMBIA, MAINE, MARYLAND,
MASSACHUSETTS, NEW HAMPSHIRE, NEW JERSEY, NEW YORK, PENNSYLVANIA,
RHODE ISLAND, OR VERMONT, SEND APPLICATIONS TO:

U.S. NUCLEAR REGULATORY COMMISSION, REGION I
NUCLEAR MATERIAL SECTION B
631 PARK AVENUE
KING OF PRUSSIA, PA 19406

ALABAMA, FLORIDA, GEORGIA, KENTUCKY, MISSISSIPPI, NORTH CAROLINA,
PUERTO RICO, SOUTH CAROLINA, TENNESSEE, VIRGINIA, VIRGIN ISLANDS, OR
WEST VIRGINIA, SEND APPLICATIONS TO:

U.S. NUCLEAR REGULATORY COMMISSION, REGION II
MATERIAL RADIATION PROTECTION SECTION
101 MARIETTA STREET, SUITE 2900
ATLANTA, GA 30323

IF YOU ARE LOCATED IN:

ILLINOIS, INDIANA, IOWA, MICHIGAN, MINNESOTA, MISSOURI, OHIO, OR
WISCONSIN, SEND APPLICATIONS TO:

U.S. NUCLEAR REGULATORY COMMISSION, REGION III
MATERIALS LICENSING SECTION
799 ROOSEVELT ROAD
GLEN ELLYN, IL 60137

ARKANSAS, COLORADO, IDAHO, KANSAS, LOUISIANA, MONTANA, NEBRASKA,
NEW MEXICO, NORTH DAKOTA, OKLAHOMA, SOUTH DAKOTA, TEXAS, UTAH,
OR WYOMING, SEND APPLICATIONS TO:

U.S. NUCLEAR REGULATORY COMMISSION, REGION IV
MATERIAL RADIATION PROTECTION SECTION
611 RYAN PLAZA DRIVE, SUITE 1000
ARLINGTON, TX 76011

ALASKA, ARIZONA, CALIFORNIA, HAWAII, NEVADA, OREGON, WASHINGTON,
AND U.S. TERRITORIES AND POSSESSIONS IN THE PACIFIC, SEND APPLICATIONS
TO:

U.S. NUCLEAR REGULATORY COMMISSION, REGION V
MATERIAL RADIATION PROTECTION SECTION
1450 MARIA LANE, SUITE 210
WALNUT CREEK, CA 94598

PERSONS LOCATED IN AGREEMENT STATES SEND APPLICATIONS TO THE U.S. NUCLEAR REGULATORY COMMISSION ONLY IF THEY WISH TO POSSESS AND USE LICENSED MATERIAL IN STATES SUBJECT TO U.S. NUCLEAR REGULATORY COMMISSION JURISDICTION.

1. THIS IS AN APPLICATION FOR (Check appropriate item)

- ☐ A. NEW LICENSE
☐ B. AMENDMENT TO LICENSE NUMBER _____
☒ C. RENEWAL OF LICENSE NUMBER 29-19760-01

2. NAME AND MAILING ADDRESS OF APPLICANT (Include Zip Code)

POLYCHROME CORPORATION
160 Terminal Avenue
Clark, New Jersey 07066

3. ADDRESS(ES) WHERE LICENSED MATERIAL WILL BE USED OR POSSESSED

POLYCHROME CORPORATION
160 Terminal Avenue
Clark, New Jersey 07066

4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION

John M. Stefanicha

TELEPHONE NUMBER

201-574-0400

SUBMIT ITEMS 5 THROUGH 11 ON 8 1/2 x 11" PAPER. THE TYPE AND SCOPE OF INFORMATION TO BE PROVIDED IS DESCRIBED IN THE LICENSE APPLICATION GUIDE.

5. RADIOACTIVE MATERIAL

a. Element and mass number, b. chemical and/or physical form, and c. maximum amount
which will be possessed at any one time.

6. PURPOSE(S) FOR WHICH LICENSED MATERIAL WILL BE USED.

7. INDIVIDUAL(S) RESPONSIBLE FOR RADIATION SAFETY PROGRAM AND THEIR
TRAINING AND EXPERIENCE.

8. TRAINING FOR INDIVIDUALS WORKING IN OR FREQUENTING RESTRICTED AREAS.

9. FACILITIES AND EQUIPMENT

10. RADIATION SAFETY PROGRAM.

11. WASTE MATERIAL

8704230230 861204
REG1 LIC30
29-19760-01 PDR

12. LICENSEE FEES (See 10 CFR 170 and Section 170.31)

FEE CATEGORY 3P AMOUNT
ENCLOSED \$ 120.00

13. CERTIFICATION. (Must be completed by applicant) I, THE APPLICANT UNDERSTANDS THAT ALL STATEMENTS AND REPRESENTATIONS MADE IN THIS APPLICATION ARE
BINDING UPON THE APPLICANT.

THE APPLICANT AND ANY OFFICIAL EXECUTING THIS CERTIFICATION ON BEHALF OF THE APPLICANT, NAMED IN ITEM 2, CERTIFY THAT THIS APPLICATION IS
PREPARED IN CONFORMITY WITH TITLE 10, CODE OF FEDERAL REGULATIONS, PARTS 30, 32, 33, 34, 35, AND 40 AND THAT ALL INFORMATION CONTAINED HEREIN,
IS TRUE AND CORRECT TO THE BEST OF THEIR KNOWLEDGE AND BELIEF.

WARNING: 18 U.S.C. SECTION 1001 ACT OF JUNE 25, 1948, 62 STAT. 749 MAKES IT A CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION
TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER WITHIN ITS JURISDICTION.

SIGNATURE—CERTIFYING OFFICER

TYPED/PRINTED NAME

TITLE

DATE

Marvin F. Lieberman V.P. Operations

4/25/86

14. VOLUNTARY ECONOMIC DATA

a. ANNUAL RECEIPTS

< \$250K
\$250K - \$500K
\$500K - \$750K
\$750K - \$1M

b. NUMBER OF EMPLOYEES (Total for
entire facility excluding outside contractors)

\$1M - \$3.5M
\$3.5M - \$7M
\$7M - \$10M
> \$10M

c. WOULD YOU BE WILLING TO FURNISH COST INFORMATION (Dollar and/or staff hours)
ON THE ECONOMIC IMPACT OF CURRENT NRC REGULATIONS OR ANY FUTURE
PROPOSED NRC REGULATIONS THAT MAY AFFECT YOU? (NRC regulations permit
it to protect confidential commercial or financial—proprietary—information furnished to
the agency in confidence)

☐ YES

☐ NO

FOR NRC USE ONLY

TYPE OF FEE

FEE LOG

FEE CATEGORY

COMMENTS

105615

APPROVED BY

AMOUNT RECEIVED

CHECK NUMBER

ML10

JUN 04 1986

DATE

7/8/86

PRIVACY ACT STATEMENT

Pursuant to 5 U.S.C. 552a(e)(3), enacted into law by section 3 of the Privacy Act of 1974 (Public Law 93-579), the following statement is furnished to individuals who supply information to the Nuclear Regulatory Commission on NRC Form 313. This information is maintained in a system of records designated as NRC-3 and described at 40 Federal Register 45334 (October 1, 1975).

1. **AUTHORITY:** Sections 81 and 161(b) of the Atomic Energy Act of 1954, as amended (42 U.S.C. 2111 and 2201(b)).
2. **PRINCIPAL PURPOSE(S):** The information is evaluated by the NRC staff pursuant to the criteria set forth in 10 CFR Parts 30, 32, 33, 34, 35 and 40 to determine whether the application meets the requirements of the Atomic Energy Act of 1954, as amended, and the Commission's regulations, for the issuance of a radioactive material license or amendment thereof.
3. **ROUTINE USES:** The information may be (a) provided to State health departments for their information and use; and (b) provided to Federal, State, and local health officials and other persons in the event of incident or exposure, for their information, investigation, and protection of the public health and safety. The information may also be disclosed to appropriate Federal, State, and local agencies in the event that the information indicates a violation or potential violation of law and in the course of an administrative or judicial proceeding. In addition, this information may be transferred to an appropriate Federal, State, or local agency to the extent relevant and necessary for an NRC decision or to an appropriate Federal agency to the extent relevant and necessary for that agency's decision about you.
4. **WHETHER DISCLOSURE IS MANDATORY OR VOLUNTARY AND EFFECT ON INDIVIDUAL OF NOT PROVIDING INFORMATION:** Disclosure of the requested information is voluntary. If the requested information is not furnished, however, the application for radioactive material license, or amendment thereof, will not be processed. A request that information be held from public inspection must be in accordance with the provisions of 10 CFR 2.790. Withholding from public inspection shall not affect the right, if any, of persons properly and directly concerned need to inspect the document.
5. **SYSTEM MANAGER(S) AND ADDRESS:** U.S. Nuclear Regulatory Commission
Director, Division of Fuel Cycle and Material Safety
Office of Nuclear Material Safety and Safeguards
Washington, D.C. 20555

APPLICATION FOR MATERIAL LICENSE

Attachments: Items 5 through 11

ITEM 5: RADIOACTIVE MATERIAL

- A) Americium 241
- B) Sealed source (Ohmart Model A-5799)
- C) No single source to exceed 1 curie

ITEM 6: PURPOSE FOR WHICH LICENSED MATERIAL WILL BE USED

Source material is to be used in an Ohmart Model Bal source holder for thickness measurements.

ITEM 7: INDIVIDUALS RESPONSIBLE FOR RADIATION SAFETY PROGRAM AND THEIR TRAINING AND EXPERIENCE

John M. Stefanicha	4/9/86
Dennis Early	5/81
Ian Ward	5/81

The above mentioned individuals have completed radiation safety training programs held by the Ohmart Corporation covering the following topics:

- 1) Principles and Practices of Radiation Safety
- 2) Radioactivity Measurement and Monitoring
- 3) Mathematics and Calculations
- 4) Biological Effects of Radiation
- 5) Common USNRC Regulation
- 6) Waste Disposal
- 7) Emergency Procedures

Messrs. Early and Ward have had 5 years experience each, working with the gauge since its installation at our plant.

ITEM 8: TRAINING FOR INDIVIDUALS WORKING IN OR FREQUENTING RESTRICTED AREA

- 1) Barry Rasimowicz
- 2) Kevin Blatt

Training and introduction will be of the following:

- 1) Principles and Practices of Radiation Safety
- 2) Biological Effects of Radiation
- 3) Emergency Procedures

contd . .

ITEM 9: FACILITIES AND EQUIPMENT

- Location: A) The moisture gauge will be located in Room 19 on the 2nd floor of the Coating building.
- Environment B) The room is temperature and humidity controlled at 68°F and 40% Rh, respectively.
- Maintenance C) The following items are checked at 6 month intervals:
- 1) Leak test
 - 2) Shutter operation
 - 3) Legibility of safety labels
 - 4) Overall mechanical operation
- Emergency Procedure D) In case of an accident, fire, explosion, damaged gauge head, etc., the following steps are to be followed:
- 1) Clear area of all personnel
 - 2) Identify and isolate all personnel possibly contaminated
 - 3) Seal affected area off from unwarranted entry
 - 4) Contact NRC to report accident and advise on the following steps to be taken
 - 5) Contact manufacturer for assistance in the removal or relocation

Personnel to be contacted or that will contact the NRC:

John Stefanicha
Dennis Early
Ian Ward

Phone No. 201-574-0400

ITEM 10: RADIATION SAFETY PROGRAM

- 1) Performance of service operation by others, installation, initial radiation survey, maintenance, occasional leak tests, device relocation or removal, etc., will be performed by the device distributor:

The Ohmart Corporation
4241 Allendorf Drive
Cincinnati, Ohio 45209
Tel: (513) 272-0131
NRC LICENSE # 34-00639-03G

contd . .

ITEM 10: RADIATION SAFETY PROGRAM - contd

- 2) Personnel monitoring equipment

N/A

- 3) Radiation detection instruments

N/A

- 4) Leak testing

Tests are performed at 6 month intervals by the individuals stated in Item 7, using commercial leak test kits purchased from the Ohmart Corporation:

KIT MODEL #LT-1725

- 5) Lock-out Procedures:

When personnel other than individuals specified in Item 7 and 8 enter room, the unit is to be taken off sheet and shut off, preventing the shutter from opening while personnel are in room.

- 6) Performance of Service

N/A

ITEM 11: WASTE MANAGEMENT

N/A

J.M.Stefanicha/bjv
4/25/86

BEETEN: William O. Miller, Chief
License Fee Management Branch
Office of Administration -

John E. Glenn, Chief
Nuclear Materials Section B
Division of Engineering and
Technical Programs

03019202

03120

6/86

LICENSE FEE TRANSMITTAL

A. REGION I

Fee Needed

1. APPLICATION ATTACHED

Applicant/Licensee:

Polychrome Corporation

Application Dated:

4/25/86

Control No.:

105615

License No.:

29-19760-01

2. FEE ATTACHED

Amount:

0

Check No.:

0

3. COMMENTS

Signed

Brenda Platchek

Date

6/6/86

B. LICENSE FEE MANAGEMENT BRANCH

1. Fee Category and Amount:

3P

\$120

2. Correct Fee Paid. Application may be processed for:

Amendment

Renewal

License

Signed

SKimberley

Date

7/8/86