California Institute of Technology

Application for Possession and Use of Radioactive Materials

Date		Permit Number	
Principal Investigator	Department	Mail Code	Extension

Radionuclide (One isotope only)	Chemical/Physical Form	Quantity (millicuries) per experiment	per purchase
_____	☐ Organic Compounds	.....	_____
	☐ Inorganic Compounds.....	.....	_____
	☐ Sealed/Plated Sources.....	.....	_____
	☐ Other_____.....	.....	_____

Location of Use (Building & Rooms)

Description of Proposed Use (Give sufficient detail of procedures for Radiation Safety Committee evaluation. Attach additional pages if necessary. Describe any actions which increase the probability of external or internal radiation doses (e.g. distillation, use of dry powders, evaporation).)

Expected or possible hazards or reaction products from this use ☐ None

☐ Carcinogen ☐ Biohazard ☐ Volatile ☐ Skin permeable ☐ Flammable ☐ Highly toxic ☐ Other _____

Authorized Users (List all persons using material under your supervision.)

Certification

We certify that the material will be used as described above, that no changes will be made without prior approval of the Radiation Safety Committee, and that approval conditions and all applicable provisions of the California and Caltech radiation regulations will be observed.

_____ *Signature of Principal Investigator*

_____ *Signature of Division Radiation Safety Officer*

Radiation Safety Committee Approval Conditions

Workplace Type (See *Radiation Safety Manual* Appendix B.)

☐ A ☐ B ☐ C ☐ D

Permit Approved By

☐ Full Committee

☐ Sub-committee

_____ *Signature of Institute Health Physicist*

_____ *Date*

This permit VOID after March 31, _____

This form is available from the Safety Office web site: safety.caltech.edu/manuals

9/2001