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FACT SHEET: SUPER 8 KODACHROME II FILM

GENERAL: This new film provides approximately 50 percent greater image area than conventional 8mm film, enabling the projection of brighter and sharper screen images. Since more light can be passed through the larger film image area, the screen image is brighter, showing more shadow detail; similarly, since less magnification of the film image is required, the screen image is sharper. When exposed in a Kodak Instamatic Movie Camera and shown with a Kodak Instamatic Movie Projector, the Super 8 film also provides maximum image stability on the screen.

Kodak Super 8 film is offered in Kodapak Cartridges for quick, no-thread loading of Kodak Instamatic Movie Cameras. Cartridges contain 50-feet of single 8mm film, requiring no turn-over during exposure. The film is improved Kodachrome II, Type A for indoors with photoflood and outdoors with daylight filter -- provision for automatic control of filter and ASA film speed setting, as required, is built into cartridge and camera.

DIMENSIONS: Kodak Super 8 film is 8mm wide with an image area 228 mils wide, utilizing 63 percent of the film area for the centered picture image compared to only 47 percent in conventional 8mm film. When shown with a 28mm focal length projector lens, the image fills a 30 x 40-inch screen at approximately 17 feet.

PERFORATION: The new film has smaller perforations -- placed closer to the edge of the film -- and film guiding surfaces on both edges. Together with the sprocketless film transport system used in Kodak Instamatic Movie Projectors, this provides dependable transport and greater stability of screen images. Perforations are only 36 mils wide and spaced 20 mils in from the edge of the film. The space between perforations has been extended to .1667 inches.

SOUND CAPABILITY: The new film provides for the application of a magnetic sound stripe 30 mils wide, but on the opposite edge of the film from the perforations -- a position that permits smoother flow past the projector sound level for improved sound rendition. Sound-picture separation has been reduced from the 56 frames of conventional 8mm sound to 18 frames, providing easier editing and improved synchronization. The film is intended for post-processing sound-striping (such as Kodak Sonotrack Coating), for sound recording as well as playback with a Kodak Instamatic M100 Sound Projector.

16MM COMPATIBILITY: The Kodak Super 8 film will accommodate reductions from 16mm originals or masters at a reduction ratio of 1.8 to 1.

This reduction ratio applies to perforation spacing as well as frame height and width, thus facilitating the transfer of existing 16mm movies to Super 8 film for economical reduction prints from 16mm films.

CONVENTIONAL 8MM COMPATIBILITY: Eastman Kodak Company plans to provide a service for printing existing 8mm films on Super 8 Film. In addition, the Kodak Instamatic M80 Movie Projector will accommodate conventional 8mm film as well as Super 8 film.

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