

# VISILOX™

## V-788

June 1998

TECHNICAL DATA SHEET

### PRODUCT DESCRIPTION

VISILOX V-788 is a transparent compound designed for use as an optical coupler. It exhibits high clarity, low bleed, low evaporation, and excellent adhesion. V-788 has greater adhesion and a higher tack than other coupling compounds which reduces the chances for the compound to decouple. The low bleed and improved aging characteristics further reduce the chances for decoupling due to loss of fluid or flow of the compound.

### PRODUCT FEATURES AND BENEFITS

- Very high clarity
- Good mechanical shear stability
- Low bleed and evaporation
- Excellent adhesion

### TYPICAL APPLICATIONS

Reduce internal reflection and refraction in optical instruments

- Optical cameras
- Gamma cameras
- Scintillators
- Fibre optics

### TYPICAL PROPERTIES

<u>PROPERTY</u>	<u>TYPICAL VALUE</u>
Appearance	Clear, Transparent
Penetration (Worked 60X), ASTM D217	317
Bleed (100°C/24 Hours)	0.18%
Evaporation (100°C/24 Hours)	0.36
Specific Gravity	1.06
Index of Refraction	1.463
Light Transmittance, %	
400 nm (1)	96%
425 nm	98%
450 nm	98%
500 nm	98%

(1) Nanometers

**RESTRICTIONS:** Light transmission is adversely affected by temperature. Maximum clarity with V-788 is between 65 and 80°F (18 to 27°C). Do not use with applications involving highly oxidative chemicals such as pure oxygen, nitrates, peroxides or chlorine; strong mineral acids such as sulfuric, hydrochloric and nitric; strongly alkaline materials such as sodium or potassium hydroxide. Do not use in surfaces to be painted.

**SPECIAL STORAGE INSTRUCTIONS:** V-788 may be stored at 70°F (21°C) or below for periods up to six (6) months. Elevated storage temperatures or longer periods of storage will result in a slow softening of the compound. Storage at temperatures below 40°F (4°C) is recommended for extended storage. Although the compound may soften, other properties are unaffected and the compound may be used for its intended purpose.

**NOT FOR PRODUCT SPECIFICATION:** The technical data contained herein are intended for references only, and are not intended for use in preparing sales specifications. For assistance and recommendations on sales specifications for this product, contact RHODIA VSI Quality Control Department at (800) 356-7560 or (518) 285-6300.



## USAGE GUIDELINES FOR VISILOX™ GREASES AND COMPOUNDS

### SAFETY PRECAUTIONS

#### USE MATERIAL IN ACCORDANCE WITH MATERIAL SAFETY DATA SHEET

Contact with eyes may cause transitory irritation which usually disappears in a few hours. If eye contact occurs, flushing with water for at least 15 minutes will relieve discomfort. If irritation or discomfort persists, obtain medical attention. **Keep product away from children.** To obtain a MSDS for this product, contact RHODIA VSI Customer Service (800) 356-7560.

### SHELF LIFE AND STORAGE

Shelf life of this material is six (6) months from date of shipment. Store material in original container in a cool, dry location at 80°F (27°C) or below. Material removed from containers may become contaminated during use. Do not return any material to the original containers. Extended shelf life is probable. Check consistency before use.

### CLEAN UP AND REMOVAL

**CAUTION:** Spilled material will cause slippery conditions. Wipe up and clean spills **immediately** to prevent possible injury by slipping.

This material may be cleaned up and removed with non-polar solvents such as mineral spirits, hexane, toluene, and chlorinated ethanes. It is generally unaffected by polar solvents such as alcohols, ketones, ethers, or water. Make sure that the choice of solvent does not affect the substrate being cleaned.

Whenever solvents are used, proper safety precautions must be observed. It is advisable to consider **ALL** solvents as toxic and use them only in well ventilated areas and wear proper protective equipment such as goggles, gloves, respirators, and protective clothing. Avoid prolonged exposure to solvents. Be aware of their flammability status. Consult applicable OSHA, EPA and other federal, state and local regulations on use and disposal of solvents.

**FOR THE NAME OF YOUR NEAREST RHODIA VSI SALES REPRESENTATIVE OR DISTRIBUTOR, AND FOR TECHNICAL ASSISTANCE ON THIS PRODUCT AND OTHER RHODIA VSI PRODUCTS, CONTACT CUSTOMER SERVICE AT (800) 356-7560**

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