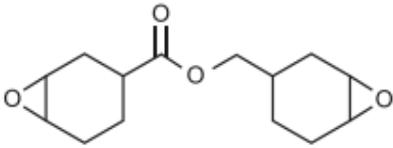


Technical Data Sheet

TTA21

General Information

Product Name	3,4-Epoxy cyclohexylmethyl-3',4'-Epoxy cyclohexane Carboxylate
Code	TTA21
CAS No.	2386-87-0
Structural formula	

Application

- Mainly used in optical adhesives and UV curable products, such as optoelectronic device encapsulation, optical disk manufacturing, low viscosity UV curable printing ink and other fields.
- It is suitable for electrical pouring and electronic pouring of outdoor electronic and electrical products.
- It can be used in outdoor coatings and solvent-free coatings.
- It can be used as active diluent for epoxy resin. It has good dilution effect, no bubble and liquid leakage, and high surface finish.
- It is widely used in the fields of electronic appliances, civil engineering, anti-corrosion coatings and other general bisphenol A epoxy resins.
- It is widely used in casting, winding, encapsulation, coating, adhesive and other fields.
- It is used in PVC, polycarbonate stabilizer, oil (lubricating oil, cylinder oil, transformer oil) additives and other fields.

Specifications

Brand Name	Figure			unit
	TTA21S	TTA21L	TTA21P	
Appearance	Pale Yellow to Colorless Liquid	Colorless Clear Liquid	Colorless Clear Liquid	
Assay	90.0 min	95.0 min	97.0 min	%
EEW	128.0~145.0	126.0~135.0	126.0~135.0	g/mol
APHA Color	100 max	50 max	50 max	Hazen
Viscosity	180~450	220~300	220~300	mPa·s/25°C
Water	0.05 max	0.05 max	0.05 max	%

Total Chlorine	-	-	100 max	ppm
Acidity	0.10 max	-	-	%
Density	1.150~1.180	1.150~1.180	1.150~1.180	g/ml

Note: if the customer has special requirements for the technical figure not mentioned in the above table, both parties can negotiate and determine.

Package

- Store in original sealed container (25kg plastic drum or 200kg iron drum or 1mt IBC drum)
- Special packaging can be made on demand after confirmed

Storage

- Recommended storage temperature: 20~35°C
- Keep away from fire and heat. Store in cool and ventilated storeroom, keep container tightly closed. Containers which are opened must be carefully resealed and kept upright to prevent leakage. It should be stored separately from edible chemicals, and mixed storage should be avoided by all means (Refer to the latest version of SDS) .
- The shelf life is 24 months from the date of production. If the product is overdue, it is recommended to test before use to confirm its performance, TETRA do not make any commitment to the overdue products, nor assume any responsibility and obligation for their performance.

Safety

- This product data sheet is only valid in conjunction with the latest edition of the corresponding Safety Data Sheet. Any updating of safety-relevant information – in accordance with statutory requirements – will only be reflected in the Safety Data Sheet, copies of which will be revised and distributed. Information relating to the current classification and labeling, applications and processing methods and further data relevant to safety can be found in the currently valid Safety Data Sheet.

Disposal

- Please refer to the latest version of Safety Data Sheet (SDS).

Statement

The manner in which you use and the purpose to which you put and utilize our products, technical assistance and information (whether verbal written or by way of production evaluations), including any suggested formulations and recommendations, are beyond our control. Therefore, it is imperative that you test our products, technical assistance, information and recommendations to determine to your own satisfaction whether our products, technical assistance and information are suitable for your intended uses and applications. This application-specific analysis must at least include testing to determine suitability from a technical as well as health, safety, and environmental standpoint. Such testing has



Version: TTA-2022-6

not necessarily been done by Tetra. Unless we otherwise agree in writing, all products are sold strictly pursuant to the terms of our standard conditions of sale which are available upon request.