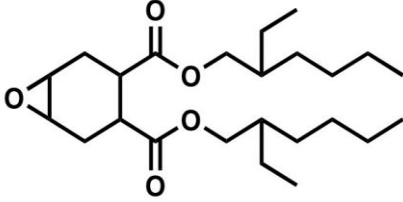


Product name	<b>SANSO CIZER E-PS</b>	
Chemical name	Bis(2-ethylhexyl) 4,5-epoxycyclohexane-1,2-dicarboxylate	
Molecular formula (M.W.)	C <sub>24</sub> H <sub>42</sub> O <sub>5</sub> (411)	Structural formula of E-PS 
ENCS No	3-2461	
CAS RN <sup>®</sup>	10138-36-0	
EINECS No	Listed	
TSCA	Unlisted	

Feature/Function	E-PS is a heat-resistant and weather-resistant secondary plasticizer. It has miscibility, processability, and functional property that are equivalent or superior to DOP, and unlike other epoxy plasticizers, it gives almost no concern about an oily feeling and bleed. E-PS is also registered (L-7127) in the PL of Japan Hygienic PVC Association (JHPA).
Applications	Sealants, Films, Sheets, etc.

<Representative properties>		<PVC performance (Plasticizer 50phr)>	
Color (Hazen)	≤40	Hardness	A 79
Acid value (mgKOH/g)	≤0.3	Tensile test 100% Modulus (MPa)	9.4
Ester value (mgKOH/g)	272-278	Clash & Berg (°C)	-16
Iodine value (I <sub>g</sub> /100g)	≤4.0	Weight loss (%) 170°C, 60 min	7.8
Oxirane oxygen (%)	≥3.4		
Loss on heating (%)	≤0.15		
Specific volume resistivity (Ω · cm 30°C)	≥5×10 <sup>10</sup>		
Flash point (°C)	218		

Packing	Bulk, Drum(200kg), Can(18kg)
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For inquiries, contact us:	New Japan Chemical co., Ltd. Polymer Materials Marketing & Sales Dept. +81-3-5540-8106
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<About handling of the descriptions herein>

Descriptions herein were created based on materials, information, and data that have been obtained to date, but the data, evaluations, risks, etc. described are not warranted at all. In addition, the items described are intended for usual ways of handling, and therefore if the product is handled in a special manner, handle it after taking a safety measure appropriate for the application or usage.

