



VISICRYL 8054 E

Chemical Nature : **Aqueous APEO, FORMALDEHYDE & AMMONIA FREE**
Acrylate copolymer emulsion used to produce premium quality coatings, textured finishes and surfacing compounds.

Properties

PRODUCT SPECIFICATIONS

Solid content, weight %	: 50 ± 1
Viscosity at 30°C	
Brookfield, 2/60, cps	: 50 – 500
pH (1:1 with water)	: 8 – 9.5

OTHER PROPERTIES:

Minimum film forming temperature(°C)	: +17°C
Particles size, average (micron)	: 0.2
Plasticizer content	: free from plasticizer
Response to associative thickener	: Good
Specific gravity, 30°C	: 1.06 ± 0.02
Mechanical stability	: Good

FILM PROPERTIES:

Appearance	: Clear
Surface	: Tack Free
Flexibility	: Good
Alkali resistance	: Excellent
UV resistance	: Very Good
Wet adhesion	: Excellent

COMPATIBILITY WITH (Polymer Emulsion)

: **Visicryl 8054E** is miscible with non ionic & anionic emulsions. However, there is a chance that such mixing may affect the property of **Visicryl 8054E**.

Pigments

: **Visicryl 8054E** has good compatibility with pigments, which can be further increased by incorporating suitable dispersing agent.

Application

FIELD OF APPLICATION

: **Visicryl 8054E** is used for producing silk finishes and high sheen Premium plastic emulsion paints. Also this is used for exterior Paints with excellent resistance to dirt pick up and high quality road marking / floor paints. V8054E has excellent pigment binding and colour retention to produce high quality coatings.

PROCESSING

- : Coatings are generally made with high speed mixers by dispersing first fillers, pigments, wetting agents and auxiliaries. **Visicryl 8054E** is added at the last let down stage.
- To achieve film formation at lower temperature adequate quantity of coalescing solvents are to be incorporated.
- For higher viscosity thickeners are recommended to be added
- Suitable defoamer in required quantity is to be added to take care of foam during processing.
- Biocides need to be included in the formulation to guard against micro-organism growth.

Safety

General safety precautions such as goggles, gloves, and face shields should be used while handling **Visicryl 8054E**. MSDS is provided for detailed information.

Industrial Hygiene

: **Visicryl 8054E** is not harmful for the purpose for which it is intended and processed. It may irritate skin and mucous membrane on prolonged contact.

Labeling

: **Visicryl 8054 E** is non hazardous and doesn't contain substances which have implication for labeling under regulations.

Storage

: **Visicryl 8054E** has a shelf life of 6 months from the date of manufacture, provided it is stored under shade, away from direct heat and sunlight and well protected from freezing.

Packing

: Bulk in tankers, flexi, 240/220kg HDPE Drums.

Disclaimer:

Note: The data presented in this leaflet are in accordance with the present state of our knowledge, but do not absolve the user from carefully checking all supplies immediately on receipt. We reserve the right to alter product constants within the scope of technical progress or new developments. The recommendations made in this leaflet should be checked by preliminary trials because of conditions during processing over which we have no control, especially where other company's raw materials are also being used. The recommendations do not absolve the user from the obligation of investigation of the possibility of infringement of third party rights and, if

necessary, clarifying the positions. For more details contact email: marketing@visen.net

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