





## TECHNICAL DATA SHEET

### SEIV ELASKO

#### V. SISTEM APLIKASI

##### V.1. PANDUAN APLIKASI

Metode aplikasi	: Kuas, Roller dan <i>Air-less Spray</i>
Pengencer	: Air
Pengenceran	: 5% untuk aplikasi dengan kuas 10% untuk aplikasi dengan roller

##### V.2. PERSIAPAN PERMUKAAN

- Untuk Permukaan baru, pastikan substrat kering sempurna dengan kelembaban substrat 14-18% dan kadar alkali dibawah pH 9. Bersihkan substrat dari debu, kotoran, lilin, dan minyak yang menempel pada permukaan yang akan dicat.
- Untuk Pengecatan ulang sangat dianjurkan untuk membersihkan lapisan cat sebelumnya menggunakan **SEIV SHRED Paint Remover** supaya mendapatkan daya rekat cat yang baik. Bila diperlukan amplas permukaan menggunakan kertas amplas halus untuk membersihkan debu yang menempel.

##### V.3. REKOMENDASI SISTEM

Sistem pengecatan yang dianjurkan :

**SEIV Elasko** aplikasikan sebanyak 3 lapis atau aplikasi cat sesuai kebutuhan. Ketebalan kering yang dianjurkan minimal 200  $\mu\text{m}$ .

##### V.4. CARA PEMAKAIAN

- Aduk rata **SEIV Elasko** sebelum digunakan, encerkan dengan air bersih bila terlalu kental. Aplikasikan **SEIV Elasko** pada bagian substrat yang retak dan rawan bocor dan biarkan kering minimal 2 jam.
- Bila terdapat retakan yang cukup besar maka aplikasikan menggunakan serat fiber/polyester mesh pada lapisan pertama **SEIV Elasko** saat masih basah.
- Kemudian aplikasikan tahap berikutnya hingga tertutup rapat dan mendapatkan hasil sempurna. Ketebalan kering yang dianjurkan minimal 200  $\mu\text{m}$ .



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- Setelah proses pengecatan, jika masih ada cat tersisa dalam kaleng, tutup kaleng dengan rapat dan bersihkan alat – alat yang digunakan dengan air.

#### VI. PENYIMPANAN & KEMASAN

**Penyimpanan** : Simpan wadah yang tertutup rapat dan di tempat yang kering pada suhu  $25 \pm 2$  °C dan dilengkapi dengan ventilasi udara yang memadai.

Jangan simpan di tempat panas.

**Kemasan** : 1 kg, 4 kg and 20 kg

**Shelf Life** : 36 bulan (suhu  $25 \pm 2$  °C)

#### VII. KESEHATAN, KESELAMATAN, KEAMANAN DAN LINGKUNGAN HIDUP

Hindari dari jangkauan anak-anak.

Hindari kontak langsung dengan mata, mulut, hidung, dan kulit.

Jika terkena kulit, cuci dengan air bersih & sabun, jika terkena mata cuci dengan air sampai bersih, jika sakit terus berlanjut segera hubungi dokter.

Simpan di tempat yang sejuk dan kering, hindari dari sinar matahari.

Tutuplah kemasan secara rapat bila tidak digunakan.

Jangan membuang sisa cat ke saluran air atau pembuangan air.

Buang wadah bekas pada tempat pembuangan limbah sesuai dengan pedoman pemerintah setempat.

Lihat pada *Material Safety Data Sheet* untuk keterangan lebih lanjut.

#### VIII. DISCLAIMER

Informasi yang tertulis disini berdasarkan pengetahuan praktis dan hasil test laboratorium kami, akan tetapi sebagai product yang seringkali penggunaannya dilakukan diluar dari kondisi yang kami anjurkan, kami tidak dapat menjamin apapun selain kualitas dari product itu sendiri. Kami berhak mengganti data tersebut tanpa pemberitahuan terlebih dahulu.

## MATERIAL SAFETY DATA SHEET

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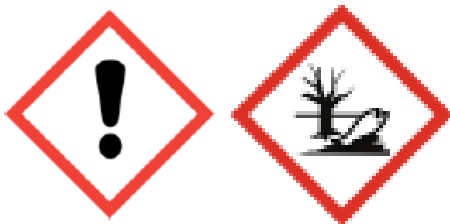
#### I. IDENTIFICATION OF THE SUBSTANCE AND COMPANY

Trade name : SEIV Elasko  
 Product code : 432.xxx.xx  
 Intended use : Decorative and protective paint  
 Manufacture : PT SEIV Indonesia  
 Address : Tangerang, Indonesia  
 Contact Number : +62-2155791111 or Fax : +62-2155760533

#### II. COMPOSITION/ INFORMATION ON INGREDIENTS

No.	CAS No.	Chemical name	Conc. Range (%)
1	25852-37-3	Styrene Acrylic resin	50 – 70
2	57-55-6	Additive	0 – 5
3	471-34-1	Filler	15 – 30
4	7732-18-5	Water	10 – 20
5	13463-67-7	Pigment	< 10

#### III. HAZARDS IDENTIFICATION



Flammable liquid	Not Classified
Cause skin corrosion and irritation	Not Classified
Serious eye irritation	Category 2
Specific target organ toxicity, single exposure	Not Classified
Aquatic Hazard (Acute / Long Term)	Category 3



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**IV. FIRST AID MEASURES**

***skin contact***

Remove contaminated clothing, immediately begin washing the skin thoroughly with large amounts of water and soap. Seek medical attention if irritation persists.

***eye contact***

Immediately begin to flush eyes with water, remove any contact lens. Continue to flush the eyes for at least 15 minutes, seek medical attention.

***inhalation***

Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention.

***ingestion***

If swallowed, do NOT induce vomiting. Seek immediate medical attention. Call a physician, hospital emergency room or poison control center immediately. Never give anything by mouth to an unconscious person.

**V. ACCIDENTAL RELEASE MEASURES**

***Methods and material for containment and cleaning up***

***SMALL SPILL:***

Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.



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#### **LARGE SPILL:**

Dike large spills using absorbent or impervious material such as clay or sand. Recover and contain as much free liquid as possible for reuse. Allow absorbed material to solidify, and scrape up for disposal. After removal, clean contaminated area thoroughly with water. Pick up wash liquid with additional absorbent and place in a disposable container. Dispose of via a licensed waste disposal contractor.

This material should be prevented from contaminating soil or from entering sewage and drainage systems and bodies of water. Minimize use of water to prevent environmental contamination

#### **VI. FIRE-FIGHTING MEASURES**

Extinguishing media : This material is not flammable. Use extinguishing media appropriate for surrounding fire. Recommended: CO<sub>2</sub>, powders, water spray.

#### **VII. HANDLING AND STORAGE**

##### ***instruction for safe handling***

Read carefully all cautions and directions on product label before use since empty container retains residue. Dispose of empty container according to all regulations. Don't reuse this container. Always keep this products in containers that made with same material as the original one.

Wear protective clothing and take precautions to prevent all skin and eye contact

##### ***storage***

Store in cool, dry place. Exposure to high temperatures or prolonged exposure to sun may cause can to leak or swell. Ideal storage temperature range is 25 – 30 °C. Containers which are



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opened must be carefully resealed and kept upright to prevent leakage. Don't store near flame or at elevated temperature.

#### **VIII. EXPOSURE CONTROLS, PERSONAL PROTECTION**

- Ingredient Comments : OES = Occupational Exposure Standard. MEL = Maximum Exposure Limit
- Ventilation : No particular ventilation requirements
- Protective Gloves : Use suitable protective Gloves if risk of skin contact
- Eye Protection : If risk of splashing, wear safety goggles or face shield
- Other Protection : Wear appropriate clothing to prevent any possibility of skin contact
- Hygienic Work Practices : Wash at the end of each work shift and before eating, smoking and using the toilet.  
Wash promptly if skin becomes wet or contaminated. No eating or drinking while working with this material.

#### **IX. PHYSICAL & CHEMICAL PROPERTIES**

- Finish : Semi-Sheen
- Color : White and according to colors card
- Physical state : Liquid
- Odor : No characteristic odor
- Boiling point : NA
- Flash point : NA
- Density : ± 1.23 kg/L
- pH : ±8.75
- Viscosity : ±105 KU at 25 °C
- Solubility description : Miscible with water

#### **X. STABILITY AND REACTIVITY**

- Stability : Normally stabile.



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**Condition to avoid** : Avoid excessive heat for prolonged periods of time  
**Hazardous decomp. Products** : No specific hazardous decomposition product noted

#### **XI. TOXICOLOGICAL INFORMATION**

**Health Warnings** : Causes mild skin irritation Causes serious eye irritation. No specific acute or chronic health impact noted, but this chemical may still have adverse impact on human health, either in general or on certain individuals with pre-existing or latent health problems.

**Other Health Effects** : This substance has no evidence of carcinogenic properties

#### **XII. ECOLOGICAL INFORMATION**

**Ecological information** : Harmful to aquatic life

#### **XIII. DISPOSAL CONSIDERATIONS**

**Substance** : Product must be contained and not disposed to sewerage systems, drains or waterways. It is prohibited to dispose its waste to the environment, without prior treatment in accordance with government regulations.

**Container** : Dispose of all waste containers and used drums in accordance with local authority guidelines. Empty containers must be decontaminated by rising with water. Non-returnable containers should be de-gassed prior to disposal. Waste containers can either be reused for the same material or disposed in accordance with government regulations.

**Local regulation** : Avoid dispersal of split material and runoff and contact with soil, waterways, drains and sewers. Disposal must be in accordance with local waste and environmental authority requirements.



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#### XIV. TRANSPORT INFORMATION

**Rail transport notes** : Not classified

**Sea transport notes** : Not classified

**Air transport notes** : Not classified

#### XV. REGULATORY INFORMATION

*The regulatory information is not intended to be comprehensive. Other regulations may apply to this material*

Related Regulation : Government Regulation of The Republic of Indonesia No. 74 year 2001, Concerning the Management of Hazardous and Toxic Materials Republic of Indonesia Minister of Industry Regulation, Number 87/M-IND/PER-9/2009, concerning Global Harmonization System Classification and Labels on Chemicals.

Minister of Manpower Decree of The Republic of Indonesia No 187 year 1999 Concerning Managing of Hazardous Chemical in the Workplaces.

#### XVI. OTHER INFORMATION

The information of this material safety data sheet is given for safety requirements only, and is based on the present state of our knowledge. This data is not to be It is always the responsibility of the user to take all. Understood as a guarantee of specific of our product. All steps necessary to comply with existing laws and regulation. We reserve the right to change the given data without notice.