TECHNICAL DATA SHEET

SEIV MAGNOCLEAN

Kode produk : 424.xxx.xx

I. PRODUCT DESCRIPTION

SEIV Magnoclean adalah cat tembok interior premium yang terbuat dari *full acrylic emulsion* dengan *pigment* dan bahan pengisi *(filler)* terpilih. Dilengkapi dengan teknologi *nano-silver* sehingga mampu menjaga dinding Anda tetap bersih dari kotoran dan bakteri. Produk ini mudah diaplikasikan, tidak ada cipratan, ramah lingkungan, cepat kering dan mudah dibersihkan, memiliki daya tutup dan daya rekat yang baik, anti-lumut & anti-jamur serta bebas dari chrome, timbal dan merkuri.

II. ANJURAN PENGGUNAAN

SEIV Magnoclean dapat diaplikasikan untuk pengecatan substrat baru atau pengecatan ulang ruangan interior seperti melapisi tembok, gypsum, beton, plesteran semen, asbes dan plafon.

III. KEUNGGULAN

- Mudah dibersihkan dari noda (Minyak, crayon, spidol, noda rumah tangga)
- Tidak ada cipratan
- Tahan cuaca 5 tahun (warna)
- Ramah lingkungan
- Tanpa Merkuri & timbal
- Tampilan halus
- Anti-lumut & anti-jamur sampai 5 tahun
- Daya tutup yang sangat baik
- Menjaga dinding terbebas dari bakteri

IV. DATA PRODUK

Warna	: Putih dan berdasarkan kartu warna
Tampilan	: *Egg Shell*
Densitas	: ± 1.3 kg/L
Kandungan padatan *by weight*	: ± 50%
Kandungan padatan *by volume*	: ± 35%

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Ketebalan	: DFT 30 µm
Daya sebar teoritis	: ± 12 m^2/ L (± 9 m^2/ kg)
Waktu kering, Kering sentuh	: 30 menit pada 30 °C
Kering keras	: 2 jam pada 30 °C
Selang pelapisan	: 2 jam

V. SISTEM APLIKASI

V.1. PANDUAN APLIKASI

Metode aplikasi	: Kuas, Roller dan *Air-less Spray*
Pengencer	: Air
Pengenceran	: Air maks. 10%

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 :

1. Cat dasar

SEIV Magnoprime-Alkali Resistant Primer sebanyak 1 lapis (Sangat dianjurkan untuk pengecatan pada substrat baru atau pengecatan ulang).

2. Cat akhir

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SEIV Magnoclean sebanyak 2-3 lapis atau aplikasi cat sesuai kebutuhan. Jumlah pelapisan tergantung pada daya tutup cat berwarna. Ketebalan kering yang dianjurkan minimal 60 µm.

V.4. CARA PEMAKAIAN

- Aduk cat secara merata sebelum digunakan.
- Aplikasikan Cat Dasar ***SEIV Magnoprime-Alkali Resistant Primer*** 1 Lapis dan biarkan mengering.
- Aplikasikan Cat Akhir **SEIV Magnoclean** sebanyak 2-3 lapis dengan selang waktu 2 jam tiap lapisnya. Dianjurkan ketebalan kering minimal 60 µm.
- 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±2 °C dan dilengkapi dengan ventilasi udara yang memadai. Jangan simpan di tempat panas.

Kemasan : 2.5 L, 20 L.

Shelf Life : 36 bulan (suhu 25±2 °C)

VII. KESEHATAN & KESELAMATAN

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.

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Branch Bandung : Komplek Taman Kopo Indah II Blok 1C No.8 Kav. Industri - Rahayu Margaasih Kab. Bandung 40128 - Jawa Barat, Indonesia (022) 5404 067 - (022) 5410 378 (022) 5408 780

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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 qualitas dari product itu sendiri. Kami berhak mengganti data tersebut tanpa pemberitahuan terlebih dahulu.

MATERIAL SAFETY DATA SHEET

SEIV MAGNOCLEAN

I. INDENTIFICATION OF THE SUBSTANCE AND COMPANY

Trade name	: SEIV Magnoclean
Product code	: 424.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	Acrylic resin	30 - 45
2	57-55-6	Additive	0 – 5
3	471-34-1	Filler	5 – 25
4	7732-18-5	Water	25 – 35
5	13463-67-7	Pigment	5 – 30

III. HAZARDS IDENTIFICATION



Flammable liquid	Not Classified
Cause skin corrotion 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: CO2, 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	: *Egg Shell*
Color	: White or according color cards
Physical state	: Liquid
Odor	: No characteristic odor
Boiling point	: NA
Flash point	: NA
Density	: ± 1.3 g/ml
pH	: ± 8.75
Viscosity	: ± 105 KU at 25 °C
Solubility description	: Miscible with water

X. STABILITY AND REACTIVITY

Stability : Normally stabile.

Condition to avoid : Avoid excessive heat for prolonged periods of time

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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 Its 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.