



Gromax Enterprises Corp.

17335 Daimler Street, Irvine , CA 92614
Toll: 800-343-3508 Tel: 949-833-1199 Fax: 949-833-0099
www.gromaxchemical.com e-mail: info@gromax-usa.com

MATERIAL SAFETY DATA SHEET

Re-dispersible Emulsion Powder

1. Company Identification 公司信息

Supplier Name : **Gromax Enterprises Corporation**
Address: **Add: 17335 Daimler Street Irvine, CA 92614**
Contact Phone Number: +1 800-343-3508
Fax: +1 714-891-1037
Company Website: <http://www.gromaxchemical.com/>

2. Product General Information and ingredients 產品資訊和成分

copolymer of vinyl acetate, VeoVa can be re- dispersible in the water.
醋酸乙烯酯和叔碳酸乙烯酯的共聚物，能夠在水中分散溶解。
Product Code : SWF04
產品編號 : SWF-04

3. Hazards Identification 危險性概述

General Information

一般資訊

This material is not hazardous under OSHA criteria. This material is not hazardous under WHMIS criteria.

根據OSHA和WHMIS標準，本產品不是危險物質

Physical Hazards:

物理性危害：

Nuisance dust.粉塵

Health effects 健康影響

Eye contact: 眼接觸



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No acute toxic effects are expected.

沒有發現強烈的毒性作用

Skin contact: 皮膚接觸

May cause slight skin irritation.

可能引起輕度皮膚過敏

Inhalation: 吸入

No acute toxic effects are known.

未知的急性毒理學資料

Ingestion: 吞食

Not expected in industrial use.

沒有發現在工業使用中

Chronic health effects: 長期的健康影響：

none known 未知

4. First Aid Measures 急救措施

After inhalation 吸入：

If inhaled, remove to fresh air; keep the victim lying down and restful

如果吸入，轉移至新鮮空氣充足的地方，受害者靜臥

After contact with the skin 皮膚接觸

If contacted with skin, wash skin with plenty of water or with water and soap.

Get medical advice if symptoms occur.

如果接觸到皮膚，大量的水沖洗，或者使用肥皂。過敏症狀請就醫。

After contact with eyes 眼睛接觸

If contacted with eyes, wash eyes with plenty of water or with water and soap.

Get medical advice if symptoms occur.

如果接觸到眼睛，大量的水沖洗，或者使用肥皂。其他症狀請就醫。

After swallowing 吞食

If swallowed, give victim several glasses of water or induce vomiting. Get

medical advice if symptoms occur.

如果吞食，給受害者喝幾瓶水，或者催吐。其他症狀請就醫

5. Fire Fight Measures 消防措施



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Fire and explosion hazards

燃燒和爆炸危害

Dust may form explosive mixture with air.

產品的粉塵有可能會和空氣形成爆炸混合物

Extinguish media 滅火介質

Using water-spray, carbon dioxide or foam-type extinguishing media, should not use sharp water jet

水噴射，二氧化碳或者泡沫滅火介質，不要使用急速的水束。

Personal Protection 個人防護

Fire fighters should wear full protective clothing including a breathing apparatus

消防員應該穿全套的防護設施，包括呼吸器械。

6. Accidental Release Measures 洩露應急處理

Avoid dust formation. In case of release, cover any spilled material in order to prevent dispersal by wind and take up mechanically and dispose of according to local regulations .

避免產品粉塵的形成，萬一洩露，覆蓋所有洩露的原料以避免在風中擴散，用機械收取，並根據當地法規處理。

7. Handling and Storage 操作處置和貯存

- Stored in the precautionary measures to avoid dust explosion and dispersal.

按預防措施儲存以避免爆炸和擴散

- Increased risk of slipping if substance comes into contact with water.

如果物質和水接觸會增加滑出洩露風險

8. Exposure Controls/Personal Protection 接觸控制/個人防護

Mix in closed vessels to avoid excessive dispersion of dust in the air. If this is not



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possible, adequate extraction of the dust must be assured.

放置在密封的容器中以避免產品粉塵大量的擴散。如果不可能做到，那麼必須確保粉塵能夠足夠的抽出。

Dust limit (Inhalable Particulate): 粉塵極限

TLV-TWA: 4mg/m³

Vinyl acetate: 醋酸乙烯

TLV-TWA: 10 ppm

9. Physical and Chemical Property 理化指標

Appearance: white solid powder

外觀：白色固體粉末

Solid content: ≥98.0

固含量：≥98.0

Average particle diameter (μ m): Approx. 80

平均粒徑 (μ m)：約 80%

Viscosity of 50% aqueous solution (pa s): 0.5-2.0

50%水溶液粘度 (Pas) :0.5-2.0

Melting point: not applicable

熔點：不適用

Boiling point: not applicable

沸點：不適用

Vapour density: not applicable

氣象密度：不適用

Vapour pressure: not applicable

氣壓：不適用

Bulk Density (g cm⁻³): 300-500kg /m³

堆積密度 ((g cm⁻³) : 300-500kg /m³

PH Value: 5-8

PH 值：5-8

Flash point: not applicable

閃點：不適用

Explosion limits: 15g/ m³

爆炸極限：15g/ m³

ignition temperature: > 500°C

燃燒溫度：> 500°C



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Lowest membrane-forming temperature: 5°C

最低成膜溫度：5°C

10. Stability and Reactivity Information 穩定性和反應性資訊

If stored and handled in accordance with standard industrial practices no hazardous reactions are known.

如果按照標準工業習慣做法操作和貯存，沒有危險反應

11. Toxicological Information 毒理學資料

During manufacture and use, no information on damage to health.

使用和製造中，沒有危害健康的資訊

- Not irritating to eyes 對眼睛沒有刺激反映
- Slightly irritating to skins 對皮膚輕度過敏
- No toxic effect are know with inhalation 吸入，未知的毒性作用

12. Ecological Information 生態學資料

Miscible with water (milky turbidity), poorly degradable.

易於水相溶（乳白混合度），緩慢降解

No indications of bioaccumulation known.

生物體內積累適應症未知

13. Disposal information 廢棄處理

Very small amount can be disposed of in an incineration plant.

非常小量的能夠通過焚化工廠處理

Existing national and local regulation must be observed.

注意現行的國家和地區規範

14. Transport Information 運輸資料

Non-hazardous for air, sea and road freight

沒有危險對於空，海和路上運輸



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15. Regulatory Information 法規資訊

Germany: 德國

Water Hazard Class 1(self-declaration according to VwVws)

水危害 Class1

USA: 美國

All components are TSCA Listed

所有成分都在有毒物質管理法清單中

16. Other Information 其他信息

MSDS Version 1.0

版本：1

Latest Update：2013-06-15

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