

Material Safety Data Sheet

acc. to ISO/DIS 11014

Printing date 01/29/2003

Reviewed on 01/29/2003

1 Identification of substance

· **Product details**

· **Trade name:** Thin Finish

· **Article number:** 83-305631

· **Manufacturer/Supplier:**

Conspec

4226 Kansas Avenue

Kansas City, KS 66106

Tel.: (877) 266-7732

Emergency Telephone Number: Use only in the event of an emergency involving a spill, leak, fire, exposure, or accident involving chemicals. Within the U.S., Canada, or the U.S. Virgin Islands, call ChemTrec at (800) 424-9300, 24 hours a day. Or, outside these areas, call (703) 527-3887. Collect calls are accepted.

· **Information department:** Environmental, Health, and Safety department.

2 Composition/Data on components

· **Chemical characterization**

· **Description:** Mixture of the substances listed below with nonhazardous additions.

· **Dangerous components:**

1317-65-3	Limestone	25-50%
69012-64-2	Silica-Amorphous Silica fume	10-25%
7778-18-9	calcium sulphate, natural	10-25%

· **Additional information:** For the wording of the listed risk phrases refer to section 16.

3 Hazards identification

· **Hazard description:**

Irritant

· **Information pertaining to particular dangers for man and environment:**

The product has to be labelled due to internationally acknowledged calculation procedures using the latest valid versions.

Irritating to eyes, respiratory system and skin.

May cause sensitisation by skin contact.

· **Classification system:**

The classification was made according to the latest editions of international substances lists, and expanded upon from company and literature data.

· **NFPA ratings (scale 0 - 4)**



Health = 1

Fire = 0

Reactivity = 0

(Contd. on page 2)

USA

Material Safety Data Sheet

acc. to ISO/DIS 11014

Printing date 01/29/2003

Reviewed on 01/29/2003

Trade name: Thin Finish

(Contd. of page 1)

· **HMIS-ratings (scale 0 - 4)**

Health = 1

Fire = 0

Reactivity = 0

4 First aid measures

· **After inhalation:**

Supply fresh air and to be sure call for a doctor.

In case of unconsciousness place patient stably in side position for transportation.

· **After skin contact:**

Immediately wash with water and soap and rinse thoroughly.

If skin irritation continues, consult a doctor.

· **After eye contact:** Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.· **After swallowing:** If symptoms persist consult doctor.

5 Fire fighting measures

· **Suitable extinguishing agents:**CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.· **Protective equipment:**

Because fire may produce thermal decomposition products, wear a self-contained breathing apparatus (SCBA) with a full face piece operated in pressure-demand or positive-pressure mode.

6 Accidental release measures

· **Person-related safety precautions:** Not required.· **Measures for environmental protection:** Do not allow to enter sewers/ surface or ground water.· **Measures for cleaning/collecting:** Ensure adequate ventilation.

7 Handling and storage

· **Handling:**· **Information for safe handling:** Prevent formation of dust.· **Information about protection against explosions and fires:** No special measures required.· **Storage:**· **Requirements to be met by storerooms and receptacles:** No special requirements.· **Information about storage in one common storage facility:** Not required.· **Further information about storage conditions:** Keep receptacle tightly sealed.

8 Exposure controls and personal protection

· **Additional information about design of technical systems:** No further data; see item 7.

(Contd. on page 3)

Material Safety Data Sheet

acc. to ISO/DIS 11014

Printing date 01/29/2003

Reviewed on 01/29/2003

Trade name: Thin Finish

(Contd. of page 2)

· Components with limit values that require monitoring at the workplace:

1317-65-3 Limestone

PEL	15*; 5** mg/m ³ *Total dust **Respirable fraction
REL	10*; 5** mg/m ³ *Total dust **Respirable fraction
TLV	10 mg/m ³ (e)

69012-64-2 Silica-Amorphous Silica fume

TLV	2 R mg/m ³
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7778-18-9 calcium sulphate, natural

PEL	15*; 5** mg/m ³ *Total dust **Respirable fraction
REL	10*; 5** mg/m ³ *Total dust **Respirable fraction
TLV	10 mg/m ³ (e)

· **Additional information:** The lists that were valid during the creation were used as basis.

· **Personal protective equipment:**

· **General protective and hygienic measures:**

- Keep away from foodstuffs, beverages and feed.
- Immediately remove all soiled and contaminated clothing.
- Wash hands before breaks and at the end of work.
- Avoid contact with the eyes and skin.

· **Breathing equipment:**

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.

· **Protection of hands:**



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Due to missing tests, no recommendation to the glove material can be given for the product.
Select the glove material upon consideration of the penetration times, rates of diffusion and the degradation.

· **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· **Eye protection:**



Tightly sealed goggles

Material Safety Data Sheet

acc. to ISO/DIS 11014

Printing date 01/29/2003

Reviewed on 01/29/2003

Trade name: Thin Finish

(Contd. of page 3)

9 Physical and chemical properties

· General Information

Form:	Solid
Color:	According to product specification
Odor:	Characteristic

· Change in condition

Melting point/Melting range: Undetermined.
Boiling point/Boiling range: Undetermined.

· **Flash point:** Not applicable.

· **Auto igniting:** Product is not selfigniting.

· **Danger of explosion:** Product does not present an explosion hazard.

· **Density at 20°C (68°F):** 2.499 g/cm³

· Solubility in / Miscibility with

Water: Soluble.

· Solvent content:

Organic solvents:	0.0 %
Water:	0.1 %

· **Solids content:** 99.7 %

10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Dangerous reactions** No dangerous reactions known.
- **Dangerous products of decomposition:** No dangerous decomposition products known.

11 Toxicological information

- **Acute toxicity:**
- **Primary irritant effect:**
- **on the skin:** Irritant to skin and mucous membranes.
- **on the eye:** Irritating effect.
- **Sensitization:** Sensitization possible through skin contact.
- **Additional toxicological information:**
The product shows the following dangers according to internally approved calculation methods for preparations:
Irritant

12 Ecological information

- **General notes:**
Water hazard class 1 (Self-assessment): slightly hazardous for water
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

USA

(Contd. on page 5)

Material Safety Data Sheet

acc. to ISO/DIS 11014

Printing date 01/29/2003

Reviewed on 01/29/2003

Trade name: Thin Finish

(Contd. of page 4)

13 Disposal considerations

- **Product:**
- **Recommendation:** Must not be disposed of as normal garbage. Do not allow product to reach sewage system.
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to Federal, State, and Local regulations.
- **Recommended cleansing agent:** Water, if necessary with cleansing agents.

14 Transport information

- **DOT regulations:**
- **Hazard class:** -
- **Limited Quantity Exemption:** No Limited Quantity exemption applies for this shipping class.
- **U.S. Domestic Ground Shipments:** Same as listed for Standard Shipments above.
- **U.S. Domestic Ground Non-Bulk (119 gal or less per container) Shipments:** Same as listed for Standard Shipments above.
- **Land transport ADR/RID (cross-border):**
- **ADR/RID class:** -
- **Maritime transport IMDG:**
- **IMDG Class:** -
- **Marine pollutant:** No
- **Air transport ICAO-TI and IATA-DGR:**
- **ICAO/IATA Class:** -

15 Regulations

· Sara

· **Section 355 (extremely hazardous substances):**

50-00-0 formaldehyde

· **Section 313 (Specific toxic chemical listings):**

This product may contain 1 or more toxic chemicals subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR part 372. If so, the chemicals are listed below.

554-13-2	lithium carbonate	£0.1%
75-07-0	acetaldehyde	£0.01%
50-00-0	formaldehyde	£0.01%
67-56-1	methanol	£0.01%

· **TSCA (Toxic Substances Control Act):**

All ingredients are listed.

· **Proposition 65**· **Chemicals known to the State of California (Prop. 65) to cause cancer:**

14808-60-7	Quartz (SiO ₂)
75-07-0	acetaldehyde
50-00-0	formaldehyde

(Contd. on page 6)

Material Safety Data Sheet

acc. to ISO/DIS 11014

Printing date 01/29/2003

Reviewed on 01/29/2003

Trade name: *Thin Finish*

(Contd. of page 5)

· Chemicals known to the State of California (Prop. 65) to cause reproductive toxicity:		
554-13-2	lithium carbonate	

· Carcinogenity categories		
· EPA (Environmental Protection Agency)		
75-07-0	acetaldehyde	B2

· IARC (International Agency for Research on Cancer)		
69012-64-2	Silica-Amorphous Silica fume	3
14808-60-7	Quartz (SiO ₂)	1
75-07-0	acetaldehyde	2B

· NTP (National Toxicology Program)		
14808-60-7	Quartz (SiO ₂)	R
75-07-0	acetaldehyde	R

· TLV (Threshold Limit Value established by ACGIH)		
14808-60-7	Quartz (SiO ₂)	A2
1344-95-2	Silicic acid, calcium salt	A4
75-07-0	acetaldehyde	A3

· MAK (German Maximum Workplace Concentration)		
14808-60-7	Quartz (SiO ₂)	1
75-07-0	acetaldehyde	3

· NIOSH-Ca (National Institute for Occupational Safety and Health)		
14808-60-7	Quartz (SiO ₂)	
75-07-0	acetaldehyde	

· OSHA-Ca (Occupational Safety & Health Administration)		
None of the ingredients is listed.		

· **Product related hazard informations:**

The product has been classified and marked in accordance with directives on hazardous materials.

· **Hazard symbols:**

Irritant

· **Risk phrases:**

Irritating to eyes, respiratory system and skin.

May cause sensitisation by skin contact.

· **Safety phrases:**

Do not breathe dust.

Avoid contact with skin and eyes.

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

After contact with skin, wash immediately with plenty of soap and water.

· **National regulations:**

· **Water hazard class:** Water hazard class 1 (Self-assessment): slightly hazardous for water.

USA

(Contd. on page 7)

Material Safety Data Sheet
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Trade name: Thin Finish

(Contd. of page 6)

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Department issuing MSDS:** Environmental, Health and Safety department
- **Contact:** Matthew Paquette

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