



# YOUNG'S CORPORATION

242-8 YANGJAE-DONG, SEOCHO-GU, SEOUL, 137-132, KOREA

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## ADDITEX 8034

Anti-foaming Agent for water-borne coating

ADDITEX 8034 is a hydrophobic silica and mineral based defoaming agent. It exhibits excellent performance, good compatibility with kinds of emulsion well as less cratering.

### Typical Properties

Appearance Light yellow suspension liquid

Active : 100%

Viscosity 700 cps (at 25 °C)

Specific Gravity 0.91 (at 25 °C)

Solubility well dispersed in aqueous

Ash 6.4%

pH : 9.2 (1% dispersion)

### Advantages

- exhibits excellent and long lasting efficiency as anti-foaming agent for water-based paints.
- makes no craterings on the paint film.
- gives no adverse effects on the color acceptance of paints or inks.

### Applications Information

- Normal application rates is 0.1~0.5 mass % of paints.

### Handling precautions

- Local ventilation is recommended.
- Wear protective eyeglasses, protective glove, or goggles on handling.
- In case of contacts with skin, soap thoroughly.
- In case of contacts with eye, wash thoroughly with plenty of water immediately and get medical aid.
- Wash your hands with soap thoroughly and gargle after handling.
- After longer period of storage, mix well before use.

### Package

Can 18Kg

Drum 180Kg



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## ADDITEX NX

Anti-foaming Agent  
for Emulsion Paints and Emulsion based adhesives

ADDITEX NX is metallic soap type anti-foaming agent for latex and emulsion or for water based paints and adhesives made latex or emulsion.

### Typical Properties

Appearance Light yellowish brown opaque liquid

Active content (%) 100

Gravity 0.89 ( at 20°C )

Viscosity 100cps(at 25°C )

Dispersibility Dispersible in water

Ion Non-ionic

Flash point(°C) 174(C.O.C)

### Dosage and Application

- normally used in the level of 0.1~0.5mass% on the solid weight of water based paints
- used directly or diluted with water. In the case of dilution, use under mixing.
- useful for the following usages:

Emulsions , Water based paints, Water based adhesives.

### Handling precautions

- After longer period of storage, mix well before use.
- Store at 10~35°C. If the temperature is under 5°C, NOPCO NXZ will solidify or separate. When the temperature is under 5°C, warm to 30~40°C and mix well before use.

Additional handling information is contained in the material safety data sheet which is available on request.

### Packing

CAN 18 kg

DRUM 180 kg



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## ADDITEX ND

Anti-foaming Agent  
for Emulsion Paints and Emulsion based adhesives

ADDITEX ND is metallic soap type anti-foaming agent for latex and emulsion or for water based paints and adhesives made latex or emulsion.

### Typical Properties

Appearance Light yellowish brown opaque liquid

Active content (%) 100

Gravity 0.88 ( at 20°C )

Viscosity 100cps(at 25°C )

Dispersibility Dispersible in water

Ion Non-ionic

### Dosage and Application

- normally used in the level of 0.2~0.3mass% on the solid weight of water based paints and 1-2% In adhesives
- be used directly or diluted with water. In the case of dilution, use under mixing.
- useful for the following usages: Emulsions , Water based paints, Water based adhesives.

### Handling precautions

- After longer period of storage, NOPCO NDW will separate. Mix well before use.
- Store at 5~25°C. If the temperature is under 5°C, NOPCO NDW will solidify or separate. When the temperature is under 5°C, warm to 30~40°C and mix well before use.

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### Packing

CAN 17 kg

DRUM 180 kg



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## ADDITEX F100

Anti-foaming Agent for water-borne inks

ADDITEX F100 is a defoaming agent made from chemicals authorized by FDA, suppressing foaming and destroying foams. It exhibits excellent performance in long lasting antifoaming with less adverse affect on gloss as well as less cratering.

### Typical Properties

Appearance Grey-White suspension liquid

Viscosity 1000 cps (at 25 °C)

Specific Gravity 1.0 (at 25 °C)

Solubility well dispersed in aqueous

Ash 3.5%

### Advantages

- exhibits excellent and long lasting efficiency as anti-foaming agent for water-based paints.
- makes no craterings on the paint film.
- gives no adverse effects on the color acceptance of paints or inks.

### Applications Information

- Normal application rates is 0.1~0.5 mass % of paints.

### Handling precautions

- Local ventilation is recommended.
- Wear protective eyeglasses, protective glove, or goggles on handling.
- In case of contacts with skin, soap thoroughly.
- In case of contacts with eye, wash thoroughly with plenty of water immediately and get medical aid.
- Wash your hands with soap thoroughly and gargle after handling.
- After longer period of storage, mix well before use.

### Package

Can 18Kg

Drum 180Kg



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## ADDITEX 8500

### Non-aqueous Defoamer for Paints

ADDITEX 8500, a special silicon based defoamer, shows excellent performance for non-aqueous type paints.

#### Typical Properties

Appearance : Clear liquid  
Specific : Gravity 0.98(25 °C)  
Solvent : n-Butyl acetate  
Solid : Con. 1.5%

#### Characteristics

- It has long lasting efficiency and proper to top coating paint.
- It prevents micro-foam mark in fast-drying paint.

#### Application

- A recommended dosage is 0.1~0.8% for paints. But please find the best dosage through test.

#### Handling precautions

- Local ventilation is recommended.
- Wear protective eyeglasses, protective glove, or goggles on handling.
- In case of contacts with skin, wash thoroughly with soap.
- In case of contacts with eye, wash thoroughly with plenty of water immediately and get medical aid.
- In case of ingestion, get medical aid as soon as possible.
- Wash your hands with soap thoroughly and gargle after handling.
- Keep away from fire, heat or any other possible source of ignition on handling and storage.

Additional handling information is contained in the material safety data sheet which is available on request.

#### Package

Can Net 20 Kgs

Drum Net 180 Kgs



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## ADDITEX 8401

### Powder Defoamer

ADDITEX 8401, a multi-useful powder defoamer, could be applied in Vinyl acetate, Polyvinyl alcohol, Casein, Starch Paint, Self-leveling agent, putty, Gypsum and special cement etc. It shows powerful foam-breaking ability and increase physical properties of the final products.

### Typical Properties

Appearance : White powder  
pH : 10.7(1% solution)  
Dispersibility : Dispersible in water  
Ionic : Non-ionic

### Characteristics

- Uniformed mixing is possible with various powder.
- Powerful foam-breaking ability and improves leveling.

### Application

- ADDITEX 8401 is dispersible in water and has less trouble with other materials.
- Normally 0.1~0.5% and 1~2% for cement is proper dosage. but please find the best dosage through test.
- It gives better leveling in dry-mixing.

### Handling precautions

- Local ventilation is recommended.
- Wear protective eyeglasses, protective glove, or goggles on handling.
- In case of contacts with skin, wash thoroughly with soap.
- In case of contacts with eye, wash thoroughly with plenty of water immediately and get medical aid.
- In case of ingestion, get medical aid as soon as possible.
- Wash your hands with soap thoroughly and gargle after handling.
- Keep away from fire, heat or any other possible source of ignition on handling and storage.

Additional handling information is contained in the material safety data sheet which is available on request.

### Package

Drum Net 100 Kgs



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## ADDITEX 8400

### Powder Defoamer

ADDITEX 8400, a multi-useful powder defoamer, could be applied in Vinyl acetate, Polyvinyl alcohol, Casein, Starch Paint, Self-leveling agent, putty, Gypsum and special cement etc. It shows powerful foam-breaking ability and increase physical properties of the final products.

### Typical Properties

Appearance	: White powder
pH	: 9.0(1% solution)
Dispersibility	: Dispersible in water
Ionic	: Non-ionic

### Characteristics

- Uniformed mixing is possible with various powder.
- Powerful foam-breaking ability and long lasting efficiency.

### Application

- ADDITEX 8400 is dispersible in water and has less trouble with other materials.
- Normally 0.1~0.5% and 1~2% for cement is proper dosage. but please find the best dosage through test.
- It gives better leveling in dry-mixing.

### Handling precautions

- Local ventilation is recommended.
- Wear protective eyeglasses, protective glove, or goggles on handling.
- In case of contacts with skin, wash thoroughly with soap.
- In case of contacts with eye, wash thoroughly with plenty of water immediately and get medical aid.
- In case of ingestion, get medical aid as soon as possible.
- Wash your hands with soap thoroughly and gargle after handling.
- Keep away from fire, heat or any other possible source of ignition on handling and storage.

Additional handling information is contained in the material safety data sheet which is available on request.

### Package

Drum Net 100 Kgs



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## ADDITEX 8300

Antifoamer for aqueous paint

ADDITEX 8300 is a modified silicon type antifoamer which is proper for aqueous paint and ink. And it has no gloss trouble.

### Typical Properties

Appearance	:	Light yellowish liquid
Viscosity	:	70 (mPa.S, 25°C) 120 (mPa.S, 25°C)
Specific Gravity	:	0.96 (25°C)

### Characteristics

- ADDITEX 8300 shows good performance Acryl and Acryl-styrene based paint.
- It prevent micro-foam trouble and antifoaming ability doesn't decrease after aging.
- It can be used in antipollution paint.

### Application

- A recommended dosage is 0.05~0.5%(Solid to Solid) for paint.

### Handling precautions

- Local ventilation is recommended.
- Wear protective eyeglasses, protective glove, or goggles on handling.
- In case of contacts with skin, wash thoroughly with soap.
- In case of contacts with eye, wash thoroughly with plenty of water immediately and get medical aid.
- In case of ingestion, get medical aid as soon as possible.
- Wash your hands with soap thoroughly and gargle after handling.
- Keep away from fire, heat or any other possible source of ignition on handling and storage.

Additional handling information is contained in the material safety data sheet which is available on request.

### Package

Can Net 17 Kgs





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## ADDITEX 8202

High performance Defoamer

ADDITEX 8202 has excellent foam-breaking and antifoaming ability in various applications. And not only foams on the surface but also micro-foams in the liquid could be removed with ADDITEX 8202. It is proper water system process as mineral-oil free type.

### Typical Properties

Appearance	:	Gray-White liquid
pH	:	7.0 (1% Sol.)
Specific Gravity	:	1.00 (25 °C)
Dispersion	:	Dispersible in water
Ionic	:	Non-ionic

### Characteristics

- Both antifoaming and foam-breaking are possible.
- Zero-VOC type defoamer.
- It can be used in various applications.

### Application

- One point injection is possible (The early of ball mill)
- Two point Injection is possible (The early and the last stage of Ball-mill)
- A recommended dosage is 0.1~0.5%(Solid to Solid) for slurry.

### Handling precautions

- Local ventilation is recommended.
- Wear protective eyeglasses, protective glove, or goggles on handling.
- In case of contacts with skin, wash thoroughly with soap.
- In case of contacts with eye, wash thoroughly with plenty of water immediately and get medical aid.
- In case of ingestion, get medical aid as soon as possible.
- Wash your hands with soap thoroughly and gargle after handling.
- Keep away from fire, heat or any other possible source of ignition on handling and storage.

Additional handling information is contained in the material safety data sheet which is available on request.

### Package

Can Net 20 Kgs

Drum Net 200 Kgs



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## ADDITEX 8101

Defoamer for aqueous emulsion paints

ADDITEX 8101 is a defoamer for aqueous paint. It has good foam-breaking and long lasting efficiency in roller painting.

### Typical Properties

Appearance	:	White liquid
Solid Con.	:	100%
Specific Gravity	:	0.840 (25°C)
Viscosity	:	300cps
Excellent	:	Dispersible in water
Ionic	:	Non-ionic

### Characteristics

- It prevents foam trouble with long lasting performance.
- Dividing injection point may give good performance. (GRINDING, LET-DOWN)

### Application

- A recommended dosage is 0.1~1.0% for paints.

### Handling precautions

- Local ventilation is recommended.
- Wear protective eyeglasses, protective glove, or goggles on handling.
- In case of contacts with skin, wash thoroughly with soap.
- In case of contacts with eye, wash thoroughly with plenty of water immediately and get medical aid.
- In case of ingestion, get medical aid as soon as possible.
- Wash your hands with soap thoroughly and gargle after handling.
- Keep away from fire, heat or any other possible source of ignition on handling and storage.

Additional handling information is contained in the material safety data sheet which is available on request.

### Package

Can Net 16 Kgs

Drum Net 160 Kgs