

Manufacturer/ Distributor:

Synthetics International, 316 California Ave., Ste 799, Reno NV 89509

Phone: 866.646.0356 www.SyntheticsIntl.com

Product: X-3 (30FS) – Part A

Two-component epoxy concrete vapor control coating
Mix Ratio: 1:1 (50/50 blend of Resin {A} and Catalyst {B})
HMIS Rating Health 1 Fire 0 Reactivity 0

II. PHYSICAL DESCRIPTION

Boiling point over 100 C; Freezing less than 0 F
Miscible in water
Product pH: 6.7, typical
Product Color: Amber and slightly cloudy

III. INGREDIENTS

Mixed blend of bisphenol epoxies	39% Trade secret
Mixed alcohols	5%
Surfactants and defoamers	1%
Water	55%

IV Fire and Explosion

Flash point is over 200 F; flammable limits not applicable
Extinguish with water, carbon dioxide or dry chemical
Use positive pressure NIOSH approved mask and protective clothing
Emit toxic fumes under fire conditions

V. HEALTH HAZARD

No specific data exists on ingestion except alcohols are moderately toxic and may cause central nervous system effects including dizziness, dullness and nausea with abdominal pain. Contents include 1% benzyl alcohol; and also 2% methoxypropanol [100 ppm TWA OSHA/ACGIH and 150 ppm STEL]

Inhalation risks include respiratory irritation and sensitivity.

Extremely irritating to eyes; May cause skin irritation
Overexposure of any kind might cause sensitivities and biological consequences.

VI. EMERGENCY PROTOCOL

ADVISE MEDICAL PROVIDERS THIS IS A BISPHENOL EPOXY

Give water or milk to conscious persons if product is swallowed. Do NOT induce vomiting.

For skin contact rinse with WATER for 15 minutes...remove sources of contact.

For eye contact flush with WATER or BUFFERED SALINE for 15 minutes and seek medical attention.

For inhalation remove all airborne contact; provide oxygen with a respirator or inhaler and seek medical attention.

VII. REACTIVITY AND STABILITY

Product is stable under normal circumstances. Avoid high temperatures. Open flame, contact with strong amines, acids, anhydrides and/or oxidizers.

Combustion products are hazardous including carbon monoxide.

Hazardous polymerization will not occur.

VIII. ACCIDENTAL RELEASE MEASURES AND DISPOSAL

Soak up with adsorbent material; dispose in accordance with all local laws and regulations. This is not a waste under RCRA 140 CFR 261.

IX. PERSONAL PROTECTION

None expected in normal ventilation and application methods. In small or low ventilation requirements a NIOSH organic mask system is required.

Gloves, goggles and skin barriers are suggested.

X. HANDLING, STORAGE AND OTHER PRECAUTIONS OF USE

See prior sections regarding health and personal protection needs. Treat as an industrial product and prevent exposure and access to this product by the public and children.

XI. REGULATORY INFORMATION

No amounts of chemical identities in this product are at levels for required CERCLA as defined in 40 CFR 302.4; nor in SARA 302, 304, 311 and/or 312.

In keeping with SARA 313 40 CFR 372 the reportable chemical is
Methoxypropanol CAS # 107-98-2 present at 2% wv.

State Right to Know:

CA Prop. 56 : No known compounds

MA 105 CMR 670: No known compounds

PA Haz Substances List: No known compound

EPA Health Category is "Immediate Health Hazard and Delayed Health hazard

The ingredients of this product are listed in TSCA EPA inventory

Material Data Safety Sheet Synthetic 30-FS (two-component)

PART B

Manufacturer/ Distributor:

Synthetics International, 316 California Ave., Ste 799, Reno NV 89509

Phone: 866.646.0356 www.SyntheticsIntl.com

Product: 30-FS (X-3) – Part B

I. PRODUCT DESCRIPTION

Catalyst for a two-component epoxy concrete vapor control coating

Mix Ratio: 1:1 (50/50 blend of Resin {A} and Catalyst {B})

HMIS Rating Health 1 Fire 0 Reactivity 0

NFPA Rating Health 1 Fire 0

II. PHYSICAL DESCRIPTION

Boiling point over 100 C; Freezing less than 0 F

Miscible in water

Product pH: 9.5, typical

Product Color: Amber and slightly cloudy

III. INGREDIENTS

Mixed polyamine 38% Trade secret

Surfactants and defoamers 3%

Water 59%

IV Fire and Explosion

Flash point is over 200 F; flammable limits not applicable

Extinguish with water, carbon dioxide or dry chemical

Use positive pressure NIOSH approved mask and protective clothing.

Emit toxic fumes under fire conditions

V. HEALTH HAZZARD... No TLV limits established

No specific data exists on ingestion except alcohols are moderately toxic and may cause esophageal burn and irritation, burns to mouth and stomach with nausea with abdominal pain

Inhalation risks include respiratory irritation and sensitivity.

Extremely irritating to eyes; May cause skin irritation

Overexposure of any kind might cause sensitivities and biological consequences.

VI. EMERGENCY PROTOCOL

ADVISE MEDICAL PROVIDERS THIS IS AN AMINE CATALYST FOR AN EPOXY RESIN SYSTEM

Give water or milk to conscious persons if product is swallowed. Do NOT Induce vomiting.

For skin contact rinse with WATER for 15 minutes...remove sources of contact.

For eye contact flush with WATER or BUFFEREED SALINE for 15 minutes and seek medical attention.

For inhalation remove all airborne contact; provide oxygen with a respirator or inhaler and seek medical attention.

VII. REACTIVITY AND STABILITY

Product is stable under normal circumstances. Avoid high temperatures. Open flame, contact with strong amines, acids, anhydrides and/or oxidizers.

Combustion products are hazardous including carbon monoxide.

Hazardous polymerization will not occur.

Material Data Safety Sheet

Synthetic 30-FS (two-component)

PART B

VIII. ACCIDENTAL RELEASE MEASURES AND DISPOSAL

Soak up with adsorbent material; dispose in accordance with all local laws and regulations. This is not a waste under RCRA 140 CFR 261.

IX. PERSONAL PROTECTION

None expected in normal ventilation and application methods. In small or low ventilation requirements a NIOSH organic mask system is required.

Gloves, goggles and skin barriers are suggested.

X. HANDLING, STORAGE AND OTHER PRECAUTIONS OF USE

See prior sections regarding health and personal protection needs. Treat as an industrial product and prevent exposure and access to this product by the public and children.

XI. REGULATORY INFORMATION

No amounts of chemical identities in this product are at levels for required CERCLA as defined in 40 CFR 302.4; nor in SARA 302, 304, 311 and/or 312.

In keeping with SARA 313 40 CFR 372 the reportable amount is NONE

State Right to Know:

CA Prop. 56 : No known compounds

MA 105 CMR 670: No known compounds

PA Haz Substances List: No known compound

EPA Health Category is "Immediate Health Hazard and Delayed Health hazard."

The ingredients of this product are listed in TSCA EPA inventory