

# Safety Data Sheet

acc. to OSHA HCS

Printing date 08/28/2018

Reviewed on 12/11/2017

## 1 Identification

- **Product identifier**
- **Trade name:** MoldWiz® F-57NC
- **Application of the substance / the mixture** Release agent
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
Axel Plastics Research Laboratories, Inc.  
50 Cambridge Drive  
Monroe, CT 06468 USA  
info@axelplastics.com
- **Information department:** Product safety department
- **Emergency telephone number:**  
USA and Canada: 1-800-424-9300 (24 hours)  
Outside of USA and Canada: 001-703-527-3887 (24 hours)

## 2 Hazard(s) identification

- **Classification of the substance or mixture**



GHS02 Flame

Flam. Liq. 2 H225 Highly flammable liquid and vapor.



GHS08 Health hazard

Carc. 2 H351 Suspected of causing cancer.

Repr. 2 H361 Suspected of damaging fertility or the unborn child.

STOT RE 2 H373 May cause damage to organs through prolonged or repeated exposure.

Asp. Tox. 1 H304 May be fatal if swallowed and enters airways.



GHS07

Acute Tox. 4 H332 Harmful if inhaled.

Skin Irrit. 2 H315 Causes skin irritation.

Eye Irrit. 2A H319 Causes serious eye irritation.

STOT SE 3 H336 May cause drowsiness or dizziness.

- **Label elements**

- **GHS label elements** The product is classified and labeled according to the Globally Harmonized System (GHS).

- **Hazard pictograms**



GHS02



GHS07



GHS08

- **Signal word** Danger

- **Hazard-determining components of labeling:**

xylene

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toluene

Solvent naphtha (petroleum), light arom.

Solvent naphtha (petroleum), light aliph.

**· Hazard statements**

Highly flammable liquid and vapor.

Harmful if inhaled.

Causes skin irritation.

Causes serious eye irritation.

Suspected of causing cancer.

Suspected of damaging fertility or the unborn child.

May cause drowsiness or dizziness.

May cause damage to organs through prolonged or repeated exposure.

May be fatal if swallowed and enters airways.

**· Precautionary statements**

Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood.

Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

Ground/bond container and receiving equipment.

Use explosion-proof electrical/ventilating/lighting/equipment.

Use only non-sparking tools.

Take precautionary measures against static discharge.

Do not breathe dust/fume/gas/mist/vapors/spray.

Wash thoroughly after handling.

Use only outdoors or in a well-ventilated area.

Wear protective gloves/protective clothing/eye protection/face protection.

If swallowed: Immediately call a poison center/doctor.

Specific treatment (see on this label).

Do NOT induce vomiting.

If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing.

IF exposed or concerned: Get medical advice/attention.

Call a poison center/doctor if you feel unwell.

Get medical advice/attention if you feel unwell.

Take off contaminated clothing and wash it before reuse.

If skin irritation occurs: Get medical advice/attention.

If eye irritation persists: Get medical advice/attention.

In case of fire: Use for extinction: CO<sub>2</sub>, powder or water spray.

Store in a well-ventilated place. Keep container tightly closed.

Store in a well-ventilated place. Keep cool.

Store locked up.

Dispose of contents/container in accordance with local/regional/national/international regulations.

**· Classification system:**
**· NFPA ratings (scale 0 - 4)**


Health = 2

Fire = 3

Reactivity = 0

**· HMIS-ratings (scale 0 - 4)**


Health = 2

Fire = 3

Reactivity = 0

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- **Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

### 3 Composition/information on ingredients

- **Chemical characterization: Mixtures**
- **Description:** Mixture of the substances listed below with nonhazardous additions.

- **Component Information:**

1330-20-7	xylene	10 – 25%
108-88-3	toluene	10 – 25%
64742-89-8	Solvent naphtha (petroleum), light aliph.	10 – 25%
64742-95-6	Solvent naphtha (petroleum), light arom.	10 – 25%
67-64-1	acetone	10%
95-63-6	1,2,4-trimethylbenzene	≥ 2.5 – < 10%
64742-47-8	Distillates (petroleum), hydrotreated light	≥ 2.5 – < 10%
98-82-8	cumene	≥ 0.1 – ≤ 2.5%

### 4 First-aid measures

- **Description of first aid measures**
- **General information:**  
Immediately remove any clothing soiled by the product.  
Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.
- **After inhalation:**  
Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.  
In case of unconsciousness place patient stably in side position for transportation.
- **After skin contact:** Immediately wash with water and soap and rinse thoroughly.
- **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.
- **Information for doctor:**
- **Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed**  
No further relevant information available.

### 5 Fire-fighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:**  
CO<sub>2</sub>, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **For safety reasons unsuitable extinguishing agents:** Water with full jet
- **Special hazards arising from the substance or mixture**  
During heating or in case of fire poisonous gases are produced.

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- **Advice for firefighters**
- **Protective equipment:** Mouth respiratory protective device.

### 6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**

Mount respiratory protective device.

Wear protective equipment. Keep unprotected persons away.

Ensure adequate ventilation

No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Do not breathe vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate.

Put on appropriate personal protective equipment.

- **Environmental precautions:**

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Do not allow to enter sewers/ surface or ground water.

- **Methods and material for containment and cleaning up:**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Dispose contaminated material as waste according to item 13.

Ensure adequate ventilation.

Small spill: Stop leak if without risk. Move containers from spill area. 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.

Large spill: Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillage into an effluent treatment plant or proceed as follow. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: See Section 1 for emergency contact information and Section 13 for waste disposal.

- **Reference to other sections**

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

### 7 Handling and storage

- **Handling:**

- **Precautions for safe handling**

Store in cool, dry place in tightly closed receptacles.

Ensure good ventilation/exhaustion at the workplace.

Open and handle receptacle with care.

Prevent formation of aerosols.

Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Avoid release to the environment. Use only with adequate ventilation.

Wear appropriate respirator when ventilation is inadequate. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.

- **Information about protection against explosions and fires:**

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

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Keep respiratory protective device available.

- **Conditions for safe storage, including any incompatibilities**

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Avoid freezing. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

- **Storage:**

- **Requirements to be met by storerooms and receptacles:** Store in a cool location.

- **Information about storage in one common storage facility:** Not required.

- **Further information about storage conditions:**

Keep receptacle tightly sealed.

Store in cool, dry conditions in well sealed receptacles.

- **Specific end use(s)** No further relevant information available.

## 8 Exposure controls/personal protection

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

- **Control parameters**

- **Components with limit values that require monitoring at the workplace:**

The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit.

At this time, the other constituents have no known exposure limits.

### 1330-20-7 xylene

PEL Long-term value: 435 mg/m<sup>3</sup>, 100 ppm

REL Short-term value: 655 mg/m<sup>3</sup>, 150 ppm  
Long-term value: 435 mg/m<sup>3</sup>, 100 ppm

TLV Short-term value: 651 mg/m<sup>3</sup>, 150 ppm  
Long-term value: 434 mg/m<sup>3</sup>, 100 ppm  
BEI

### 108-88-3 toluene

PEL Long-term value: 200 ppm  
Ceiling limit value: 300; 500\* ppm  
\*10-min peak per 8-hr shift

REL Short-term value: 560 mg/m<sup>3</sup>, 150 ppm  
Long-term value: 375 mg/m<sup>3</sup>, 100 ppm

TLV Long-term value: 75 mg/m<sup>3</sup>, 20 ppm  
BEI

### 67-64-1 acetone

PEL Long-term value: 2400 mg/m<sup>3</sup>, 1000 ppm

REL Long-term value: 590 mg/m<sup>3</sup>, 250 ppm

TLV Short-term value: 1187 mg/m<sup>3</sup>, 500 ppm  
Long-term value: 594 mg/m<sup>3</sup>, 250 ppm  
BEI

### 95-63-6 1,2,4-trimethylbenzene

REL Long-term value: 125 mg/m<sup>3</sup>, 25 ppm

TLV Long-term value: 123 mg/m<sup>3</sup>, 25 ppm

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**98-82-8 cumene**

PEL	Long-term value: 245 mg/m <sup>3</sup> , 50 ppm Skin
REL	Long-term value: 245 mg/m <sup>3</sup> , 50 ppm Skin
TLV	Long-term value: (246) NIC-0.5 mg/m <sup>3</sup> , (50) NIC-0.1 ppm NIC-A3

**· Ingredients with biological limit values:**
**1330-20-7 xylene**

BEI	1.5 g/g creatinine Medium: urine Time: end of shift Parameter: Methylhippuric acids
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**108-88-3 toluene**

BEI	0.02 mg/L Medium: blood Time: prior to last shift of workweek Parameter: Toluene
	0.03 mg/L Medium: urine Time: end of shift Parameter: Toluene
	0.3 mg/g creatinine Medium: urine Time: end of shift Parameter: o-Cresol with hydrolysis (background)

**67-64-1 acetone**

BEI	50 mg/L Medium: urine Time: end of shift Parameter: Acetone (nonspecific)
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· **Additional information:** The lists that were valid during the creation were used as basis.

· **Exposure controls**

· **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.
- Store protective clothing separately.
- Avoid contact with the eyes and skin.

· **Breathing equipment:**

If a risk assessment indicates engineering controls are not sufficient to protect worker health or comply with relevant legislation, use an approved respirator. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. Respirators to be considered for this material include: Half-face filter respirator with Type A filter material.

For the European Union, refer to Standardization (CEN) standards EN 136, 140 and 405 for respirator masks and EN 149 and 143 for filter recommendations. In the United States of America, refer to OSHA Respiratory Protection Standard, 29 CFR 1910.134 and ANSI Z88.2 for respiratory selection, use and maintenance.

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## · Protection of hands:



Hand Protection: Glove suitability depends on the conditions of use. Use gauntlet style gloves if forearms are likely to be exposed. Contact glove manufacturer for appropriate glove selection. Skin Protection: Chemical/oil resistant and flame retardant protective clothing is recommended.

The gloves listed below may provide protection against permeation. Gloves of other chemically resistant materials may not provide adequate protection. Protective gloves are recommended to protect against contact with product. Polyvinyl alcohol, Viton, Safety 4H, Teflon. When splashing is possible, full chemically resistant protective clothing and boots are required. The following materials are acceptable for use as protective clothing: Polyvinyl alcohol (PVA), Viton, Teflon. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Remove contaminated clothing and wash before reuse. For non-fire emergencies, positive pressure SCBA and structural firefighter's protective clothing will provide only limited protection. The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Selection of the glove material on 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:



Chemical safety glasses with side shields, goggles or face shield.

## · Body protection: Protective work clothing

## 9 Physical and chemical properties

### · Information on basic physical and chemical properties

#### · General Information

#### · Appearance:

Form:	Fluid
Color:	White
Odor:	Aliphatic
Odor threshold:	Not determined.

· pH-value: Not determined.

#### · Change in condition

Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	71 - 82 C

· Flash Point (C.O.C.): < 23 °C (< 73.4 °F)

· Percentage Volatile 94 %

· Decomposition temperature: Not determined.

· Auto igniting: Product is not selfigniting.

· Danger of explosion: Product is not explosive. However, formation of explosive air/vapor mixtures are possible.

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· <b>Explosion limits:</b>	
<b>Lower:</b>	0.7 Vol %
<b>Upper:</b>	13 Vol %
· <b>Oxidizing properties</b>	Not determined.
· <b>Vapor pressure at 20 °C (68 °F):</b>	233 hPa (174.8 mm Hg)
· <b>Density:</b>	Not determined.
· <b>Relative density</b>	0.820
· <b>Vapor density</b>	Not determined.
· <b>Evaporation rate</b>	Not determined.
· <b>Solubility in / Miscibility with Water:</b>	Not miscible or difficult to mix.
· <b>Partition coefficient (n-octanol/water):</b>	Not determined.
· <b>Viscosity:</b>	10 - 170 cps @ 25C
· <b>Dynamic:</b>	Not determined.
· <b>Kinematic:</b>	Not determined.
· <b>VOC content:</b>	786.5 g/l / 6.56 lb/gl
· <b>Other information</b>	No further relevant information available.

## 10 Stability and reactivity

- **Reactivity** No further relevant information available.
- **Chemical stability** The product is stable under recommended storage conditions.
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

## 11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:**

· **LD/LC50 values that are relevant for classification:**

### ATE (Acute Toxicity Estimate)

Oral	LD50	> 5,222 mg/kg
Dermal	LD50	> 3,834 mg/kg
Inhalative	LC50/4 h	> 26.9 mg/l

### 1330-20-7 xylene

Oral	LD50	4,300 mg/kg (rat)
Dermal	LD50	2,000 mg/kg (rabbit)
Inhalative	LC50/4 h	11 mg/l (ATE)

### 108-88-3 toluene

Oral	LD50	5,000 mg/kg (rat)
Dermal	LD50	12,124 mg/kg (rabbit)
Inhalative	LC50/4 h	5,320 mg/l (mouse)

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**64742-89-8 Solvent naphtha (petroleum), light aliph.**

Oral	LD50	> 2,000 mg/kg (Rat)
Dermal	LD50	> 2,000 mg/kg (Rat)
Inhalative	LC50/4 h	> 7,700 ppm (Rat)

**64742-95-6 Solvent naphtha (petroleum), light arom.**

Oral	LD50	> 6,800 mg/kg (rat)
Dermal	LD50	> 3,400 mg/kg (rab)
Inhalative	LC50/4 h	> 10.2 mg/l (rat)

**95-63-6 1,2,4-trimethylbenzene**

Oral	LD50	5,000 mg/kg (rat)
Inhalative	LC50/4 h	11 mg/l (ATE)

· **Primary irritant effect:**

- **on the skin:** Irritant to skin and mucous membranes.
- **on the eye:** Irritating effect.
- **Sensitization:** No sensitizing effects known.

· **Additional toxicological information:**

The product shows the following dangers according to internally approved calculation methods for preparations:  
Harmful  
Irritant

· **Carcinogenic categories**· **IARC (International Agency for Research on Cancer)**

1330-20-7	xylene	3
108-88-3	toluene	3
98-82-8	cumene	2B

· **NTP (National Toxicology Program)**

98-82-8	cumene	R
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· **OSHA-Ca (Occupational Safety & Health Administration)**

None of the ingredients is listed.

· **IARC Monographs**

- Group 1: Carcinogenic to humans
- Group 2A: Probably carcinogenic to humans
- Group 2B: Possibly carcinogenic to humans
- Group 3: Not classifiable as to its carcinogenicity to humans
- Group 4: Probably not carcinogenic to humans

## 12 Ecological information

· **Toxicity**

- **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability:** No further relevant information available.
- **Behavior in environmental systems:**
- **Bioaccumulative potential:** No further relevant information available.
- **Mobility in soil:** No further relevant information available.

· **Additional ecological information:**· **General notes:**

Water hazard class 2 (Self-assessment): hazardous for water  
Do not allow product to reach ground water, water course or sewage system.

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- Danger to drinking water if even small quantities leak into the ground.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects** No further relevant information available.

### \* 13 Disposal considerations

- **Waste treatment methods**
- **Recommendation:**  
Must not be disposed of together with household garbage. Do not allow product to reach sewage system. The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. The classification of the product may meet the criteria for a hazardous waste.
- **Uncleaned packagings:**
- **Recommendation:**  
The generation of waste should be avoided or minimized wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

### \* 14 Transport information

- |                                       |   |
|---------------------------------------|---|
| · <b>UN-Number</b>                    |   |
| · <b>DOT, IMDG, IATA</b>              | UN1866  |
| · <b>UN proper shipping name</b>      |   |
| · <b>DOT</b>                          | Resin solution  |
| · <b>IMDG, IATA</b>                   | RESIN SOLUTION  |
| · <b>Transport hazard class(es)</b>   |   |
| · <b>DOT</b>                          |   |
|                                       |  |
| · <b>Class</b>                        | 3 Flammable liquids   |
| · <b>IMDG, IATA</b>                   |   |
|                                       |  |
| · <b>Class</b>                        | 3 Flammable liquids   |
| · <b>Environmental hazards:</b>       | Not applicable.   |
| · <b>Special precautions for user</b> | Warning: Flammable liquids  |

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- |   |                               |
|---|-------------------------------|
| · EMS Number:   | F-E, S-E                      |
| · Stowage Category  | B                             |
| · Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code | Not applicable.               |
| · UN "Model Regulation":  | UN 1866 RESIN SOLUTION, 3, II |

## 15 Regulatory information

- Safety, health and environmental regulations/legislation specific for the substance or mixture
- Sara

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

1330-20-7	xylene
108-88-3	toluene
95-63-6	1,2,4-trimethylbenzene
67-63-0	propan-2-ol
98-82-8	cumene

### · TSCA (Toxic Substances Control Act) (Substances not listed):

All ingredients are listed.

### · TSCA new (21st Century Act) (Substances not listed)

64742-89-8	Solvent naphtha (petroleum), light aliph.
64742-95-6	Solvent naphtha (petroleum), light arom.

### · Proposition 65

#### · Chemicals known to cause cancer:

98-82-8	cumene
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#### · Chemicals known to cause reproductive toxicity for females:

None of the ingredients is listed.

#### · Chemicals known to cause reproductive toxicity for males:

None of the ingredients is listed.

#### · Chemicals known to cause developmental toxicity:

108-88-3	toluene
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### · US State Regulations

#### · Connecticut - Hazardous Air Pollutants - HLVs (30 min)

None of the ingredients is listed.

#### · Connecticut - Hazardous Air Pollutants - HLVs (8 hr)

None of the ingredients is listed.

#### · Idaho - Non-Carcinogenic Toxic Air Pollutants - Emission Levels (ELs)

None of the ingredients is listed.

#### · Idaho - Non-Carcinogenic Toxic Air Pollutants - Acceptable Ambient Concentrations

None of the ingredients is listed.

#### · Occupational Exposure Limits - TWAs

None of the ingredients is listed.

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· **Michigan - Occupational Exposure Limits - Skin Designations**

None of the ingredients is listed.

· **Michigan - Occupational Exposure Limits - TWAs**

None of the ingredients is listed.

· **Minnesota - Hazardous Substance List**

None of the ingredients is listed.

· **Minnesota - Permissible Exposure Limits - Skin Designations**

None of the ingredients is listed.

· **Minnesota - Permissible Exposure Limits - TWAs**

None of the ingredients is listed.

· **New Hampshire - Regulated Toxic Air Pollutants - Ambient Air Levels (AALs) - 24-Hour**

None of the ingredients is listed.

· **New Hampshire - Regulated Toxic Air Pollutants - Ambient Air Levels (AALs) - Annual**

None of the ingredients is listed.

· **New York - Occupational Exposure Limits - Skin Designations**

None of the ingredients is listed.

· **New York - Occupational Exposure Limits - TWAs**

None of the ingredients is listed.

· **North Dakota - Air Pollutants - Guideline Concentrations - 1-Hour**

None of the ingredients is listed.

· **North Dakota - Air Pollutants - Guideline Concentrations - 8-Hour**

None of the ingredients is listed.

· **Oregon - Permissible Exposure Limits - TWAs**

None of the ingredients is listed.

· **Tennessee - Occupational Exposure Limits - Skin Designations**

None of the ingredients is listed.

· **Tennessee - Occupational Exposure Limits - TWAs**

None of the ingredients is listed.

· **Texas - Effects Screening Levels - Long Term**

None of the ingredients is listed.

· **Texas - Effects Screening Levels - Short Term**

None of the ingredients is listed.

· **Vermont - Permissible Exposure Limits - Skin Designations**

None of the ingredients is listed.

· **Vermont - Permissible Exposure Limits - TWAs**

None of the ingredients is listed.

· **Washington - Permissible Exposure Limits - Skin Designations**

None of the ingredients is listed.

· **Washington - Permissible Exposure Limits - STELs**

None of the ingredients is listed.

· **Washington - Permissible Exposure Limits - TWAs**

None of the ingredients is listed.

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**· Wisconsin - Hazardous Air Contaminants - All Sources - Emissions From Stack Heights 25 Feet to Less Than 40 Feet**

None of the ingredients is listed.

**· Wisconsin - Hazardous Air Contaminants - All Sources - Emissions From Stack Heights 40 Feet to Less Than 75 Feet**

None of the ingredients is listed.

**· Wisconsin - Hazardous Air Contaminants - All Sources - Emissions From Stack Heights 75 Feet or Greater**

None of the ingredients is listed.

**· Wisconsin - Hazardous Air Contaminants - All Sources - Emissions From Stack Heights Less Than 25 Feet**

None of the ingredients is listed.

**· Carcinogenic categories**
**· EPA (Environmental Protection Agency)**

1330-20-7	xylene	I
108-88-3	toluene	II
67-64-1	acetone	I
95-63-6	1,2,4-trimethylbenzene	II
98-82-8	cumene	D, CBD

**· NIOSH-Ca (National Institute for Occupational Safety and Health)**

None of the ingredients is listed.

**· EPA Carcinogen Category Key**

EPA 2005 Guidelines:

CaH - Carcinogenic to humans.

L - Likely to be carcinogenic to humans.

SC - Suggestive evidence of carcinogenic potential.

II - Inadequate information to assess carcinogenic potential.

NL - Not likely to be carcinogenic to humans.

EPA 1999 Guidelines:

CaH - Carcinogenic to humans.

L - Likely to be carcinogenic to humans.

S - Suggestive evidence of carcinogenicity, but not sufficient to assess human carcinogenic potential.

I - Data are inadequate for an assessment of human carcinogenic potential.

NL - Not likely to be carcinogenic to humans.

EPA 1996 Guidelines:

K/L - Known/likely human carcinogen.

CBD - Carcinogenic potential cannot be determined.

NL - Not likely to be carcinogenic to humans.

EPA 1986 Guidelines:

A - Human carcinogen

B1 - Probable human carcinogen - based on limited evidence of carcinogenicity in humans and sufficient evidence of carcinogenicity in animals.

B2 - Probable human carcinogen - based on sufficient evidence of carcinogenicity in animals.

C - Possible human carcinogen.

D - Not classifiable as to human carcinogenicity.

E - Evidence of non-carcinogenicity for humans.

**· GHS label elements** The product is classified and labeled according to the Globally Harmonized System (GHS).

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# Safety Data Sheet

## acc. to OSHA HCS

Printing date 08/28/2018

Reviewed on 12/11/2017

Trade name: MoldWiz® F-57NC

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## · Hazard pictograms



GHS02    GHS07    GHS08

## · Signal word Danger

## · Hazard-determining components of labeling:

xylene  
 toluene  
 Solvent naphtha (petroleum), light arom.  
 Solvent naphtha (petroleum), light aliph.

## · Hazard statements

Highly flammable liquid and vapor.  
 Harmful if inhaled.  
 Causes skin irritation.  
 Causes serious eye irritation.  
 Suspected of causing cancer.  
 Suspected of damaging fertility or the unborn child.  
 May cause drowsiness or dizziness.  
 May cause damage to organs through prolonged or repeated exposure.  
 May be fatal if swallowed and enters airways.

## · Precautionary statements

Obtain special instructions before use.  
 Do not handle until all safety precautions have been read and understood.  
 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.  
 Ground/bond container and receiving equipment.  
 Use explosion-proof electrical/ventilating/lighting/equipment.  
 Use only non-sparking tools.  
 Take precautionary measures against static discharge.  
 Do not breathe dust/fume/gas/mist/vapors/spray.  
 Wash thoroughly after handling.  
 Use only outdoors or in a well-ventilated area.  
 Wear protective gloves/protective clothing/eye protection/face protection.  
 If swallowed: Immediately call a poison center/doctor.  
 Specific treatment (see on this label).  
 Do NOT induce vomiting.  
 If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.  
 IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.  
 Continue rinsing.  
 IF exposed or concerned: Get medical advice/attention.  
 Call a poison center/doctor if you feel unwell.  
 Get medical advice/attention if you feel unwell.  
 Take off contaminated clothing and wash it before reuse.  
 If skin irritation occurs: Get medical advice/attention.  
 If eye irritation persists: Get medical advice/attention.  
 In case of fire: Use for extinction: CO<sub>2</sub>, powder or water spray.  
 Store in a well-ventilated place. Keep container tightly closed.  
 Store in a well-ventilated place. Keep cool.  
 Store locked up.  
 Dispose of contents/container in accordance with local/regional/national/international regulations.

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US

# Safety Data Sheet

## acc. to OSHA HCS

Printing date 08/28/2018

Reviewed on 12/11/2017

**Trade name: MoldWiz® F-57NC**

(Contd. of page 14)

· **National regulations:**

- The components of this product are listed on the Australia (AICS) inventory.
- The components of this product are listed on the Canadian (DSL) inventory.
- The components of this product are listed on the Chinese (IECSC) inventory.
- The components of this product are listed on the New Zealand (NZIoC) inventory.
- The components of this product are listed on the South Korean (KECI) inventory.
- The components of this product are listed on the USA (TSCA) inventory.

- **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

### 16 Other information

Disclaimer: This data is offered in good faith as typical values and not as a product specification. No warranty, either expressed or implied, is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review recommendations in the specific context of the intended use and determine whether they are appropriate.

· **Procedure used to derive the classification**

- Test data.
- Calculation method.

- **Contact:** info@axelplastics.com

- **Date of preparation / last revision** 08/28/2018 / 3

· **Abbreviations and acronyms:**

- ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
- IMDG: International Maritime Code for Dangerous Goods
- DOT: US Department of Transportation
- IATA: International Air Transport Association
- EINECS: European Inventory of Existing Commercial Chemical Substances
- ELINCS: European List of Notified Chemical Substances
- CAS: Chemical Abstracts Service (division of the American Chemical Society)
- NFPA: National Fire Protection Association (USA)
- HMIS: Hazardous Materials Identification System (USA)
- VOC: Volatile Organic Compounds (USA, EU)
- LC50: Lethal concentration, 50 percent
- LD50: Lethal dose, 50 percent
- PBT: Persistent, Bioaccumulative and Toxic
- vPvB: very Persistent and very Bioaccumulative
- NIOSH: National Institute for Occupational Safety
- OSHA: Occupational Safety & Health
- TLV: Threshold Limit Value
- PEL: Permissible Exposure Limit
- REL: Recommended Exposure Limit
- BEI: Biological Exposure Limit
- Flam. Liq. 2: Flammable liquids – Category 2
- Acute Tox. 4: Acute toxicity – Category 4
- Skin Irrit. 2: Skin corrosion/irritation – Category 2
- Eye Irrit. 2A: Serious eye damage/eye irritation – Category 2A
- Carc. 2: Carcinogenicity – Category 2
- Repr. 2: Reproductive toxicity – Category 2
- STOT SE 3: Specific target organ toxicity (single exposure) – Category 3
- STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2
- Asp. Tox. 1: Aspiration hazard – Category 1

- **\* Data compared to the previous version altered.**

US