

Spec Release™
Form Release for use with
concrete form liners



Spec Release™ is an oil-based technology designed especially for use with ElastoSpec™, ElastoSpec Lite™, SpecVac™, and other Spec Formliner materials. Spec Release™ offers exceptional form liner releasing properties for use with concrete, GFRC, CRC, and composite reinforced concrete.

Spec Release™ will not stain concrete. It releases cleanly – paint or stain can be applied with no additional preparation.

Spec Release™ does not separate, so no mixing is required prior to use.

Spec Release™ is environmentally friendly. It contains no VOCs, no carcinogens, and requires no hazard warnings. It is not regulated by the DOT and is not classified as hazardous.

USE AND APPLICATION

Spec Release™ is designed ready-to-use. It may be applied by brushing, wiping, or spraying.

1. Season new form liners by applying up to 3 coats. Rub or spray each coat into the liner material, allowing 5 minutes between each coat.
2. During forming, apply 1 coat on the form liner using a flat spray tip. Apply a thin, even coating for best results being careful to coat all surfaces. Do not allow coating to puddle.
3. Reapply as needed. Do not over apply.

Under normal warehouse conditions, **Spec Release™** remains stable in unopened containers for 2 years.

Spec Release™ is available in 5-gallon pails, 55-gallon drums, and 275-gallon totes. To order, or for more information, contact Spec Formliners, Inc. at 714 429-9500.

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Spec ReleaseTM

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Material Safety Data Sheet

- 24-hour Emergency Telephone: 1-800-633-8253 (PERS–Professional Emergency Resource Services)
- Date Revised 7/14/2008. Supersedes: 6/3/2002
- MSDS Number : 49200000

Identification of Product

Physical Form: Liquid

Color: Clean – light yellowish

Odor: Characteristic Sweet

NFPA Codes: Health – 0, Fire/Flammability – 1, Reactivity – 0

Hazardous Ingredients

No Hazardous components identified per 29 CFR 1910.1200

Carcinogenicity: NTP? **NO** IARC Monographs? **NO** OSHA Regulated: **NO**

This product does not require any hazard warning on the label under established regulatory criteria.

Keep away from heat, sparks, and flame.

Physical/Chemical Characteristics

Specific Gravity	.996
Vapor Pressure, 68° F, mm. HG	<0.01
Pour Point	-40° C to .23° C
Flash Point	774° F
Vapor Density (Air =1)	>1
Water Solubility	Complete

Fire and Explosion Information

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Flash Point (TCC): **774° F**
%UEL: **No Data**
V.O.C Content: **0 g/l**

Flammable Limits: **No Data**
%LEL: **No Data**

Extinguishing Media: Dry chemical, carbon dioxide, foam, or water fog/spray is recommended. Keep exposed containers cool. Carbon dioxide can displace oxygen. Use caution when applying carbon dioxide in confined spaces.

Unusual Fire and Explosion: Sprays/mist may be combustible below normal flash point

As in any fire, prevent human exposure to fire, smoke, fumes, or products of combustion. Evacuate non-essential personnel from the fire area. Fire fighters should wear full-face, SCBA, and impervious protective clothing.

Human Health Hazard Data

Routes of Entry: *Inhalation:* **No** *Eyes:* **Yes** *Skin:* **No** *Ingestion:* **Yes**

Effects of Acute Exposure

Inhalation: Breathing mist may irritate respiratory passages

Eyes: May cause irritation, redness, and pain

Skin: May cause irritation and dryness

Ingestion: May cause gastric distress and diarrhea

Effects of Chronic Exposure

None known

Signs and Symptoms of Exposure

Inhalation: Cool Sensation

Eyes: Dry feeling, irritation

Skin: Wet feeling, irritation

Ingestion: Nausea

Medical Conditions Generally Aggravated by Exposure

Pre-existing contact site disorders

First Aid

Inhalation: Remove to fresh air. If irritation persists, obtain medical attention. If victim is not breathing, clear airway and immediately begin artificial respiration. If breathing difficulties develop, oxygen should be administered by qualified personnel.

Eyes: Flush eyes with large amounts of water, lifting upper and lower eyelids. If irritation persists, obtain medical attention.

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Skin: Wash off with soap and water. Remove contaminated clothing and wash before reuse. If irritation persists, obtain medical attention.

Ingestion: First aid is not normally required; however, if swallowed and symptoms develop, seek medical attention.

Reactivity Data

- Hazardous Polymerization: Cannot occur
- Stability: Stable
- Incompatibility (Materials to avoid): Oxidizers, strong acids, alkalis
- Hazardous Decomposition Products: Oxides of carbon and other noxious gases, irritating aldehydes and ketones.

Spill or Leak Procedure

1. Extinguish nearby flames and mop up. Use liquid absorbent and scoop up with shovel disposing in proper container.
2. Dispose in accordance with all local, state, and federal regulations
3. Keep out of reach of children. For industrial and institutional use only

Control Measures

Engineering Controls

Local Exhaust: Required

Personal Protective Equipment for Routine Handling

Repertory Protection: Good industrial hygiene practices recommend that engineering controls (such as local and/or mechanical ventilation) be used to reduce environmental concentrations to the permissible exposure level. Respirators may be used when engineering and work practice controls are not technically feasible, when such controls are in the process or being installed, or when they fail and need to be supplemented. If the use of a respirator is necessary use only a NASH/NOSH approved air-supplied respirator or an air-purifying respirator.

Ventilation: Recommended if generating mist or vapors

Protective Gloves: Rubber, vinyl

Eye Protection: Yes, ANSI Z87. Chemical worker's goggles with side shields.

Other Protective Equipment: Long pants, sleeves, apron

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* The recommendations described in this section are provided as general guidance for minimizing exposure when handling this product. Because use conditions will vary, depending upon customer applications, specific safe handling procedures should be developed by persons knowledgeable of the intended use conditions and equipment.

Handling and Storage

Empty containers retain residue and may be dangerous.

*Do not pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, spark, or other sources of ignition. They may explode and cause injury or death. Exercise caution to prevent damage to container.

“Empty” drums should be completely drained, properly bunged, and promptly shipped to the supplier or a drum reconditioner.

Storage: Store in a cool, dry, well ventilated area. Keep away from sources of ignition. Keep the container tightly closed when not in use and keep the workplace clean.

DOT Information

This product is not regulated, it is not classified as hazardous.

SARA 313: **NO**

Regulatory Information

EPA SARA 311/312 (Title III Hazard Categories)

Acute Health – **No**

Chronic Health – **No**

Fire Hazard – **No**

Pressure Hazard – **No**

Reactive Hazard – **No**

California Proposition 65:

Warning – This material contains the following chemicals which are known to the State of California to cause cancer, birth defects or other reproductive harm, and are subject to the requirements of California Proposition 65: **NONE KNOWN.**

We believe the recommendations and technical information contained herein to be accurate. However, they are given without warranty, expressed or implied, and we assume no responsibility for losses or damages, direct or indirect, as a result of their use. The information contained on this MSDS has been checked and should be accurate. However, it is the responsibility of the user to comply with all federal, state, and local laws and regulations. The environmental information and hazardous materials identification system have been included to provide additional health and hazard classification information. The ratings recommended are based upon the criteria supplied by the developers of these rating systems. Proper personal protective equipment varies widely with conditions of use and anticipated exposure. We recommend that a supervisor or other qualified person determine proper PPE for intended use.

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