



SPECCOFORM

CONCRETE FORM RELEASE AGENT

PRODUCT DESCRIPTION: *Speccoform* is a low viscosity, film forming, petroleum oil-based release compound for use on metal, wood, aluminum or fiberglass forms. *Speccoform* contains a chemically reactive base that upon contact with cement alkalinity creates a water-insoluble film on the form’s surface that prevents adhesion or sticking of the concrete. Surface voids and related defects are reduced as the film formation helps promote displacement of trapped air. *Speccoform* is composed of a “solvent free” blend of non-staining petroleum process oils. *Speccoform* will not transfer or initiate adverse inter-coat adhesion of subsequent applied coatings, caulks, or sealants. Concrete form surfaces are left with reduced levels of residual contaminant build-up, which allows easier cleaning and stripping properties and extends form life.

BENEFITS:

- Provides economical smooth concrete surfaces
- Reduces concrete surface voids
- V.O.C. compliant in all states
- Provides long form life
- Provides rust reducing properties to steel forms
- Certified P.C.B. free oil for improved worker safety and environmental responsibility
- Available with optional citrus scented odor (*Speccoform Citrus*)

COMPOSITION: Proprietary blend of low viscosity refined petroleum oils and surface acting chemicals. Contains no polychlorinated biphenyls (P.C.B.s).

LEED CREDIT CONSIDERATIONS: Materials and Resources: **MR Credits 5.2:** Regional materials- Greater than 20% extracted, processed and manufactured regionally at production location: Kankakee, IL. 60901. 90% Content- Harvested within 500 miles. **MR Credits 6.2:** Rapidly renewable materials-contains greater than 20% recycled components (**MRc4**)

PHYSICAL PROPERTIES:	APPROXIMATE VALUES:
Weight per Gallon:	Varies: Typically 7.35 +/- 0.15 lb./ gallon
Color & Odor:	Varies: From pale amber to dark brown clear liquid with optional “added” mild citrus odor
Viscosity-Brookfield:	Varies: With temperature and base oil: Typically 15-20 cps @ 70° F (21°C) 30-35cps @ 32°F (0°C) and 105-110 cps at 0°F (-18°C)
Flash Point:	>300° F (148.8°C)
V.O.C. Content:	Less than 50 g/L (0.42 lb./ gallon)

VOC COMPLIANCE: *Speccoform* contains less than 50 g/L (0.42 lb. /gal.) volatile organic compounds. Meets existing form release agent VOC (VOM) regulations under the EPA’s National AIM (Architectural and Industrial Maintenance) listings for all states including OTC, LADCO, CARB, and SCAQMD.

DIRECTIONS FOR USE: Form surfaces should be dry and free from concrete build-up before *Speccoform* is applied. Application can be made most practically by use of a conventional sprayer, as well as by hand wiping with rollers, mops, or rags. Application rates will vary depending on forms and application method. For new wood forms, the recommended application rate is 500-600 sq. ft. per gallon. For use on seasoned wood forms, apply at a higher rate of 800-900 sq. ft. per gallon. On conventional plywood forms, apply at 1000-1200 sq. ft. per gallon. High density or urethane coated plywood forms are applied at 1100-1300 sq. ft. per gallon. Metal forms (steel or aluminum) require a higher coverage of 2000-2500 sq. ft. per gallon using a sprayed fogging or mist coat to apply as thin a film as possible for optimum results.

CAUTIONS: *Speccoform* is manufactured from recycled base oils that can vary slightly in color, viscosity, and odor from batch to batch. Therefore, *Speccoform* is not recommended in applications where an architecturally smooth, consistently void free uniform concrete surface is required. *Speccoform* is also not recommended for use on forms or molds composed of plastic, polyurethane, styrofoam, latex, or elastomeric type form liners. Refer to Specco technical service department for assistance





in choosing a suitable optional release agent for any architectural type applications or for the mold types listed above. Protect treated surfaces from traffic until the concrete is poured. Do not use compressed air to force the material from the container. Do not over apply. **Note that colder temperatures will significantly increase the viscosity (thickness) of Speccoform which will adversely affect both the sprayability and applied mil thickness. For best results apply Speccoform at warmer temperatures and store the release in heated areas if possible.**

GHS HAZARD RATINGS: WARNING



Irritant: May cause eye Irritation.



Health Hazard: May be harmful if swallowed. May cause respiratory tract irritation

WARNINGS: HEALTH HAZARD & IRRITANT: *Speccoform* contains mineral and hydraulic petroleum distillates, however is not classified as a combustible liquid due to its high flash point of >350°F (177°C). As with all petroleum based products, it is advised to keep away from heat, sparks, and open flame. Provide adequate ventilation during use. Use with OSHA/NIOSH approved eye protection and air (vapor) respirator. Avoid inhalation of the spray mist or prolonged contact with the skin. Wear protective clothing and safety glasses during application. Make sure that the application is static free. Empty containers may contain explosive vapors that are heavier than air. Keep containers closed. Do not cut or weld on or near empty containers. Keep away from food and drink. **DO NOT DILUTE. FOR INDUSTRIAL USE ONLY. KEEP OUT OF REACH OF CHILDREN. FIRST AID: Refer to product S.D.S. (Safety Data Sheet) for complete health and safety information before using this product. FOR MEDICAL EMERGENCIES ONLY –CALL INFOTRAC AT 800-535-5053.**

H.M.I.S. CODES (Hazardous Materials Identification System): HEALTH = 1, FLAMMABILITY = 1, REACTIVITY = 0, PERSONAL PROTECTION = G (GLOVES, GOGGLES, RESPIRATOR)

SHIPPING NAMES: Compound Lubricating Oil, Not Regulated by D.O.T.

SHIPPING CLASS: NMFC# 155250-02, LTL 65-CONCRETE RELEASE AGENT

STORAGE: Ideal storage is between 60° to 80° F. Freeze (gel) point is approximately -20 °F (-28.8 °C). If frozen, thaw to room temperature and apply as usual. See Cautions Section regarding cold weather applications.

SHELF LIFE: 1 year properly stored. Depending on storage conditions, the shelf life may be extended.

PACKAGING: 5 gallon (18.9 L) pails, 55 gallon (208 L) drums, and 265 gallon (1000 L) tote containers.

WARRANTY: Specco Industries Inc (Specco) solely and expressly warrants that its products shall be free from defects in materials and workmanship for one (1) year from the date of purchase. Unless authorized in writing by an officer of Specco, no other representations or statements made by Specco or its representatives, in writing or orally, shall alter this warranty. **SPECCO MAKES NO WARRANTIES, IMPLIED OR OTHERWISE, AS TO THE MERCHANTABILITY OR FITNESS FOR ORDINARY OR PARTICULAR PURPOSES OF ITS PRODUCTS AND EXCLUDES THE SAME.** If any Specco product fails to conform with this warranty, Specco will replace the product at no cost to Buyer. **Replacement of any product shall be the sole and exclusive remedy available and buyer shall have no claim for incidental or consequential damages.** Specco does not authorize anyone on its behalf to make any written or oral statements which in any way alter Specco's installation information or instructions in its product literature or on its packaging labels. **Specco explicitly excludes any written or oral statements or implied warranty on the performance of an applied/installed product manufactured or sold by or through Specco. Specco has no control over Specco application standards adherence, site conditions, atmospheric variations, installer/applicator skill level or the determination of the suitability of any Specco products for a specific intended purpose. Buyer shall be solely responsible for determining the suitability of Specco's products for the Buyer's intended purposes.** Product demonstrations, if any, are done for illustrative purposes only and do not constitute a warranty or warranty alteration of any kind. **Revised 10-15-19**



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