

995



RELEASE AGENT

Description

Chesterton® 995 Release Agent is a highly effective release agent free of all chlorinated solvents. Environmental responsibility need not mean a compromise on performance. Chesterton 995 Release Agent will give maximum release without sticking, spotting or marking.

Chesterton 995 is formulated for use in all mold applications ranging from sand core operations and investment casting to hard-to-release molding procedures with polyurethanes, rubber, filled thermoplastics and composites.

Chesterton 995 Release Agent will aid in the production of clean pieces with high gloss surfaces. It will give immediate release with no deformation. 995 will prevent sticking on straight sides or tearing of thin sections. Orange peel and blisters will be virtually eliminated.

Chesterton 995 is concentrated. Multiple releases are possible with one application from molds of aluminum, steel etc., cast, compression or injection. Production rates and return on investment are maximized as fewer applications are necessary.

Effectiveness of Chesterton 995 compared to other mold releases can be measured easily by operators. Independent laboratory results showed Chesterton 995 Release Agent gave approximately 20% more releases per application than other nationally recognized release agents and showed less build-up in the test molds.

Composition

Chesterton 995 is formulated using a superior complexed silicone release agent. Because of its purity, molds are kept cleaner and in service longer. The product will not oxidize or carbonize. Because the stripping cycle will be lengthened, production costs should be reduced.

Typical Physical Properties

Form	Liquid
Color	Clear, Colorless
Appearance	Thin film
Wt./gal.	6.2 lbs./gal (0,74 kg/l)
Active ingredient	Complexed Silicone Release Agent

Chesterton 995 is produced with no chlorinated solvents, freons, or halogenated compounds. Because the solvents in 995 are much safer than chlorinated hydrocarbons, health hazards will be minimized.

Chesterton 995 has a higher percentage of active ingredient in each application than other release agents. Mold dimensions and details are accurately maintained as only a very thin coat of material is necessary for optimum performance.

Suggested Uses

- Sand Core Operations
- Investment Casting
- Injection Molding
- Thermosets
- Thermoplastics
- Aluminum Diecasting
- Zinc Diecasting

Materials Molded

- Acrylic
- Cellulosic(s)
- Polystyrene
- Polyester
- Polyurethane
- Rubber

Features

- Superior Silicone Base
- No Chlorinated Solvents, Freons (CFC'S), or Halogenated Compounds
- Highly concentrated
- No mold build-up

Benefits

- High gloss, wet look finish
- Multiple releases
- Leaves molds cleaner
- Fewer rejects
- Finer detail
- Faster cycling
- Easily applied

Directions

New Molds

Remove all mold preserving compound, oil or wax using a suitable cleaner. New molds should be "seasoned" by applying a film of 995 Release Agent and rubbing into the mold surface.

Old Molds

Clean off all built up release agents using a suitable cleaner. Carbon deposits should be removed using a fine abrasive rubbing compound. Once in production apply 995 Release Agent as needed to maintain proper release and finish. Parts to be painted or bonded should be cleaned with a suitable detergent or solvent.

Clean Up

995 Release Agent may be cleaned from dispensing equipment, molding components, molds etc. by wiping surfaces with Chesterton® 274 Industrial Degreaser, 292 Precision Degreasing Solvent or 801 Industrial & Marine Solvent. Consult your local Chesterton specialist for specific data.

Storage

It is recommended 995 Release Agent be stored at temperatures between 10°C (50°F) and 49°C (120°F). Product will not freeze, but viscosity may increase if cold. For best results bring product to room temperature prior to use.

Safety

As with any organic solvent based product, care should be taken to avoid excessive inhalation of vapors. This is especially important in enclosed areas or areas with poor ventilation. Care should be taken to avoid keeping the skin continually wet with this product. Occasional skin contact should not be damaging, but repeated or prolonged contact may defat the skin and possibly cause dermatitis. Before using product, review the material safety data sheet (MSDS) or the appropriate safety sheet for your area.

Technical Data reflects results of laboratory tests and is intended to indicate general characteristics only. A.W.CHESTERTON COMPANY DISCLAIMS ALL WARRANTIES EXPRESSED, OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE OR USE. LIABILITY, IF ANY, IS LIMITED TO PRODUCT REPLACEMENT ONLY.



860 SALEM STREET
GROVELAND, MASSACHUSETTS 01834 USA
TEL: (781) 438-7000 • FAX: (978) 469-6528
www.chesterton.com

© 2014 A.W. Chesterton Company.

® Registered trademark owned and licensed by

A. W. Chesterton Company in USA and other countries.

DISTRIBUTED BY:

FORM NO. 075660

REV. 12/14