

SECTION 7

Form Release Agents

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OBJECTIVE OF A FORM RELEASE:

- To break the bond between the form & the concrete
- Not add, nor subtract, anything from the concrete
- Prolong the life of the forms by reducing the required cleaning
- Reduces the surface tension at the form interface, allowing air to migrate upward helping to reduce the bug holes

3 BASIC TYPES OF RELEASE:

- **Reactive Release** use fatty acids that produce a chemical reaction when in contact with alkali (concrete) that produces a soap like residue.
- **Buffered Release** not as chemically reactive & more 'forgiving' if over applied
- **Barrier Release** no fatty acids, no reaction, no 'soap'

DAYTON SUPERIOR FORM RELEASES

Reactive	Clean Strip™ (J1A), Clean Strip™ Ultra J3, Clean Strip™ J2, Clean Strip™ J2 Winter Grade
Buffered	Magic Kote
Barrier	Clean Strip™ (J1EF)

Before application, forms need to be dry, clean and free of rust. Rust and dirt will transfer to the concrete surface.

Dayton Superior recommends treating new regular plywood with a lime water solution prior to its first use in forming. This solution will neutralize the naturally occurring wood sugars in the plywood.

The application rate should be in accord with the manufacturers printed literature

Apply form releases only during dry weather.

Apply with low pressure spray using a wide angle, low flow, fan-type spray nozzle. Do not use a spray nozzle designed for curing compounds, it will over apply the material.

All NEW wood forms require a heavy application of form release prior to their first use. This application should be heavy enough to saturate the wood. Multiple coats of form release are often necessary to accomplish this saturation, with at least 5 to 6 hours between coats.

On smooth, dense forms, i.e., steel or aluminum, the best performance will be achieved by spraying the form release followed by wiping down the forms with a clean soft cloth.

Do not over apply. Over application can result in surface dusting and the formation of bug holes.

Do not apply Dayton Superior form releases to polystyrene forms.

TECHNICAL DATA SHEET

DESCRIPTION

Clean Strip™ J1A is a V.O.C. compliant, ready-to-use, petroleum based, chemically reactive concrete form release. Clean Strip™ J1A effectively prevents bonding of concrete to forms and formliners. Use of Clean Strip™ J1A regularly will increase the life of all forms.

USE

Clean Strip™ J1A chemically releases hardened concrete from steel, aluminum, plywood, and composition forms.

FEATURES

- Chemically reactive
- Positive release
- Increases the life of both wood and steel forms.
- Helps prevent deterioration and corrosion of steel.
- Light citrus scent

VOC

Less than 250 g/L. Compliant with all Canadian and U.S. VOC regulations for Concrete Form Release agents including Federal EPA, OTC, LADCO & CARB.

ESTIMATING GUIDE

	Sq. Feet per Gallon	Sq. Meters per Liter
Steel	2000	49.2
Aluminum	2000	49.2
Medium Density Plywood	1000-1500	24.6-36.9
High Density plywood	2000	49.2
Rough Sawn Lumber		
1st use, 2 coats	700	17.2
Subsequent uses	1000	24.6

Texture and absorption of forming material will dictate final coverage rate.

Prior to coating plywood forms, apply one or two heavy brush coats to edges to ensure ease of form removal.

PACKAGING

ITEM #	PACKAGE	SIZE	
		Gallons	Liters
69201	Pail	5	18.93
69200	Drum	55	208.20
69198	Tote	275	1,040.99

STORAGE

Store in dry environment.
Shelf life is two years from date of manufacture.

APPLICATION

Surface Preparation: Surfaces to be treated should be clean and free of water, dust and dirt or residues that might transfer to the final concrete surface.

Placement: Apply during dry weather with low pressure spray, roller or brush. Apply uniformly in a thin but continuous film to assure proper coverage. For best results apply to forms before each use. Avoid applying too heavily. Wipe excessive material from forms prior to installing forms and concrete placement. Prior to coating plywood forms, apply one or two heavy brush coats to edges to ensure complete water-proofing protection.

CLEAN UP

Sprayers and other equipment may be cleaned with Citrus Cleaner J48 or other solvent degreaser.

LIMITATIONS FOR PROFESSIONAL USE ONLY

Not for use as a bond breaker or concrete release agent for tilt-up concrete construction.

Requires recoating after each use.

Do not apply onto reinforcing steel.

DO NOT OVER APPLY. Over application could cause excessive surface dusting and/or transfer to concrete.

When any material is to be applied over the newly formed concrete, follow the application instructions of the material manufacturer.

PRECAUTIONS

READ MSDS PRIOR TO USING PRODUCT

- Keep material and containers away from high heat, open flames, sparks or other sources of ignition
- Use with adequate ventilation
- Wear protective clothing, gloves and eye protection (Goggles, Safety Glasses and/or Face Shield)
- Keep out of the reach of children
- Do not take internally
- In case of ingestion, seek medical help immediately
- May cause skin irritation upon contact, especially prolonged or repeated. If skin contact occurs, wash immediately with soap and water and seek medical help as needed
- If eye contact occurs, flush immediately with clean water and seek medical help as needed
- Dispose of waste material in accordance with federal, state and local requirements

MANUFACTURER

Dayton Superior Corporation
1125 Byers Road
Miamisburg, OH 45342
Customer Service: 888-977-9600
Technical Services: 866-329-8724
Website: www.daytonsuperior.com

WARRANTY

Dayton Superior Corporation ("Dayton") warrants for 12 months from the date of manufacture or for the duration of the published product shelf life, whichever is less, that at the time of shipment by Dayton, the product is free of manufacturing defects and conforms to Dayton's product properties in force on the date of acceptance by Dayton of the order. Dayton shall only be liable under this warranty if the product has been applied, used, and stored in accordance with Dayton's instructions, especially surface preparation and installation, in force on the date of acceptance by Dayton of the order. The purchaser must examine the product when received and promptly notify Dayton in writing of any non-conformity before the product is used and no later than 30 days after such non-conformity is first discovered. If Dayton, in its sole discretion, determines that the product breached the above warranty, it will, in its sole discretion, replace the non-conforming product, refund the purchase price or issue a credit in the amount of the purchase price. This is the sole and exclusive remedy for breach of this warranty. Only a Dayton officer is authorized to modify this warranty. The information in this data sheet supersedes all other sales information received by the customer during the sales process. THE FOREGOING WARRANTY SHALL BE EXCLUSIVE AND IN LIEU OF ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, AND ALL OTHER WARRANTIES OTHERWISE ARISING BY OPERATION OF LAW, COURSE OF DEALING, CUSTOM, TRADE OR OTHERWISE.

Dayton shall not be liable in contract or in tort (including, without limitation, negligence, strict liability or otherwise) for loss of sales, revenues or profits; cost of capital or funds; business interruption or cost of downtime, loss of use, damage to or loss of use of other property (real or personal); failure to realize expected savings; frustration of economic or business expectations; claims by third parties (other than for bodily injury), or economic losses of any kind; or for any special, incidental, indirect, consequential, punitive or exemplary damages arising in any way out of the performance of, or failure to perform, its obligations under any contract for sale of product, even if Dayton could foresee or has been advised of the possibility of such damages. The Parties expressly agree that these limitations on damages are allocations of risk constituting, in part, the consideration for this contract, and also that such limitations shall survive the determination of any court of competent jurisdiction that any remedy provided in these terms or available at law fails of its essential purpose.

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TECHNICAL DATA SHEET

DESCRIPTION

Clean Strip™ J2 is a V.O.C. compliant, ready-to-use, petroleum based, chemically reactive liquid concrete form release agent. Clean Strip™ J2 effectively prevents bonding of concrete to forms and formliners. Use of Clean Strip™ J2 regularly will increase the life of all forms.

USE

Clean Strip™ J2 chemically releases hardened concrete from steel, aluminum, plywood, and composition forms. Clean Strip™ J2 Winter Grade is specially formulated to maintain low viscosity and dry faster in cooler temperatures in comparison to conventional oil based form releases.

FEATURES

- Chemically reactive
- Positive release
- Increases the life of both wood and steel forms.
- Helps prevent deterioration and corrosion of steel.
- Light citrus scent

VOC

Less than 450 g/L. Compliant with Federal US EPA VOC regulations for Concrete Form Release agents.

ESTIMATING GUIDE

	Sq. Feet per Gallon	Sq. Meters per Liter
Steel	2000	49.2
Aluminum	2000	49.2
Medium Density Plywood	1000-1500	24.6-36.9
High Density plywood	2000	49.2
Rough Sawn Lumber		
1st use, 2 coats	700	17.2
Subsequent uses	1000	24.6

PACKAGING

ITEM #	PACKAGE	SIZE	
		Gallons	Liters
143330	Pail	5	18.93
143331	Drum	55	208.20
143332	Tote	275	1,040.99

STORAGE

Store in dry environment.
Shelf life is two years from date of manufacture.

APPLICATION

Surface Preparation: Surfaces to be treated should be clean and free of water, dust and dirt or residues that might transfer to the final concrete surface.

Placement: Apply during dry weather with low pressure spray, roller or brush. Apply uniformly in a thin but continuous film to assure proper coverage. For best results apply to forms before each use. Avoid applying too heavily. Wipe excessive material from forms prior to installing forms and concrete placement. Prior to coating plywood forms, apply one or two heavy brush coats to edges to ensure complete water-proofing protection.

CLEAN UP

Sprayers and other equipment may be cleaned with Citrus Cleaner J48 or other solvent degreaser.

LIMITATIONS

FOR PROFESSIONAL USE ONLY

Not for use as a bond breaker or concrete release agent for tilt-up concrete construction.

Requires recoating after each use.

Do not apply onto reinforcing steel.

DO NOT OVER APPLY. Over application could cause excessive surface dusting and/or transfer to concrete.

When any material is to be applied over the newly formed concrete, follow the application instructions of the material manufacturer.

PRECAUTIONS

READ MSDS PRIOR TO USING PRODUCT

- Keep material and containers away from high heat, open flames, sparks or other sources of ignition
- Use with adequate ventilation
- Wear protective clothing, gloves and eye protection (Goggles, Safety Glasses and/or Face Shield)
- Keep out of the reach of children
- Do not take internally
- In case of ingestion, seek medical help immediately
- May cause skin irritation upon contact, especially prolonged or repeated. If skin contact occurs, wash immediately with soap and water and seek medical help as needed
- If eye contact occurs, flush immediately with clean water and seek medical help as needed
- Dispose of waste material in accordance with federal, state and local requirements

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Dayton shall not be liable in contract or in tort (including, without limitation, negligence, strict liability or otherwise) for loss of sales, revenues or profits; cost of capital or funds; business interruption or cost of downtime, loss of use, damage to or loss of use of other property (real or personal); failure to realize expected savings; frustration of economic or business expectations; claims by third parties (other than for bodily injury), or economic losses of any kind; or for any special, incidental, indirect, consequential, punitive or exemplary damages arising in any way out of the performance of, or failure to perform, its obligations under any contract for sale of product, even if Dayton could foresee or has been advised of the possibility of such damages. The Parties expressly agree that these limitations on damages are allocations of risk constituting, in part, the consideration for this contract, and also that such limitations shall survive the determination of any court of competent jurisdiction that any remedy provided in these terms or available at law fails of its essential purpose.

TECHNICAL DATA SHEET

DESCRIPTION

Clean Strip™ J2 Winter Grade is a V.O.C. compliant, ready-to-use, petroleum based, chemically reactive liquid concrete form release agent. Clean Strip™ J2 Winter Grade effectively prevents bonding of concrete to forms and formliners. Use of Clean Strip™ J2 Winter Grade regularly will increase the life of all forms.

USE

Clean Strip™ J2 Winter Grade chemically releases hardened concrete from steel, aluminum, plywood, and composition forms. Clean Strip™ J2 Winter Grade is specially formulated to maintain low viscosity and dry faster in cooler temperatures in comparison to conventional oil based form releases.

FEATURES

- Chemically reactive
- Positive release
- Increases the life of both wood and steel forms.
- Helps prevent deterioration and corrosion of steel.
- Maintains viscosity in colder temperatures for improved sprayability
- Light citrus scent

VOC

Less than 450 g/L. Compliant with Federal US EPA VOC regulations for Concrete Form Release agents.

ESTIMATING GUIDE

	Sq. Feet per Gallon	Sq. Meters per Liter
Steel	2000	49.2
Aluminum	2000	49.2
Medium Density Plywood	1000-1500	24.6-36.9
High Density plywood	2000	49.2
Rough Sawn Lumber		
1st use, 2 coats	700	17.2
Subsequent uses	1000	24.6

PACKAGING

ITEM #	PACKAGE	SIZE	
		Gallons	Liters
143327	Pail	5	18.93
143328	Drum	55	208.20
143329	Tote	275	1,040.99

STORAGE

Store in dry environment.
Shelf life is two years from date of manufacture.

APPLICATION

Surface Preparation: Surfaces to be treated should be clean and free of water, dust and dirt or residues that might transfer to the final concrete surface.

Placement: Apply during dry weather with low pressure spray, roller or brush. Apply uniformly in a thin but continuous film to assure proper coverage. For best results apply to forms before each use. Avoid applying too heavily. Wipe excessive material from forms prior to installing forms and concrete placement. Prior to coating plywood forms, apply one or two heavy brush coats to edges to ensure complete water-proofing protection.

CLEAN UP

Sprayers and other equipment may be cleaned with Citrus Cleaner J48 or other solvent degreaser.

LIMITATIONS

FOR PROFESSIONAL USE ONLY

Not for use as a bond breaker or concrete release agent for tilt-up concrete construction.

Requires recoating after each use.

Do not apply onto reinforcing steel.

DO NOT OVER APPLY. Over application could cause excessive surface dusting and/or transfer to concrete.

When any material is to be applied over the newly formed concrete, follow the application instructions of the material manufacturer.

PRECAUTIONS

READ MSDS PRIOR TO USING PRODUCT

- Keep material and containers away from high heat, open flames, sparks or other sources of ignition
- Use with adequate ventilation
- Wear protective clothing, gloves and eye protection (Goggles, Safety Glasses and/or Face Shield)
- Keep out of the reach of children
- Do not take internally
- In case of ingestion, seek medical help immediately
- May cause skin irritation upon contact, especially prolonged or repeated. If skin contact occurs, wash immediately with soap and water and seek medical help as needed
- If eye contact occurs, flush immediately with clean water and seek medical help as needed
- Dispose of waste material in accordance with federal, state and local requirements

MANUFACTURER

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Dayton shall not be liable in contract or in tort (including, without limitation, negligence, strict liability or otherwise) for loss of sales, revenues or profits; cost of capital or funds; business interruption or cost of downtime, loss of use, damage to or loss of use of other property (real or personal); failure to realize expected savings; frustration of economic or business expectations; claims by third parties (other than for bodily injury), or economic losses of any kind; or for any special, incidental, indirect, consequential, punitive or exemplary damages arising in any way out of the performance of, or failure to perform, its obligations under any contract for sale of product, even if Dayton could foresee or has been advised of the possibility of such damages. The Parties expressly agree that these limitations on damages are allocations of risk constituting, in part, the consideration for this contract, and also that such limitations shall survive the determination of any court of competent jurisdiction that any remedy provided in these terms or available at law fails of its essential purpose.

TECHNICAL DATA SHEET

DESCRIPTION

Clean Strip Ultra J3 is a premium, low odor, ready-to-use, chemically reactive form release that is V.O.C. compliant in most all regulatory regions. It is ideal for architectural and precast concrete and for general forming applications. Clean Strip Ultra J3 works to ensure clean, positive release of plywood, fiberglass, aluminum, steel and other concrete forming materials. Clean Strip Ultra J3 prolongs the life of plywood forms, and acts to reduce rusting of steel forms. Properly applied, Clean Strip Ultra J3 is non-staining, reduces the number of surface air voids (bugholes) and will not interfere with the adhesion of subsequent coatings.

USE

Clean Strip Ultra J3 chemically releases hardened concrete from steel, aluminum, plywood, and composition forms. In conjunction with good concrete placement and forming technique, this quality product promotes easy stripping, minimizes form clean up. It is non-staining, and reduces the number of surface air voids (bugholes) on regular and superplasticized concrete.

FEATURES

- Coverage up to 2,000 sq. ft./gal.
- Extended form life
- Reduced labor normally used to clean forms
- Minimizes concrete surface dusting
- Helps prevent rusting of steel forms
- Compatible with most form liners
- Low odor Clean Strip™ Ultra J3 is suitable for use on all forms except expanded polystyrene.

VOC

Less than 250 g/L. Compliant with most Canadian and U.S. VOC regulations for Concrete Form Release agents including Federal EPA, OTC, LADCO & CARB.

Estimating Guide

	SQ. FEET PER GALLON	SQ. METERS PER LITER
Steel	2500	61.5
Aluminum	2500	31.5
Medium Density Plywood	1500-2000	36.9-49.2
High Density Plywood	2500	61.5
Rough Sawn Lumber 1st coat	1000	24.6
2nd coat	1500	36.9
Texture and absorption of forming material will dictate final coverage rate. Prior to coating plywood forms, apply one or two heavy brush coats to edges to ensure ease of form removal.		

Packaging

PRODUCT CODE	PACKAGE	SIZE	
		Gallons	Liters
309133	Pail	5	18.93
309134	Drum	55	208.20
309135	Tote	275	1040.99

STORAGE

Store in dry environment.
Shelf life is two years from date of manufacture.

APPLICATION

Surface Preparation:

Surfaces to be treated should be clean and free of water, dust and dirt or residues that might transfer to the final concrete surface.

Placement:

Apply during dry weather with low pressure spray, roller or brush. Apply uniformly in a thin but continuous film to assure proper coverage. For best results apply to forms before each use. Avoid applying too heavily. Wipe excessive material from forms prior to installing forms and concrete placement. Prior to coating plywood forms, apply one or two heavy brush coats to edges to ensure complete water-proofing protection.

CLEAN UP

Sprayers and other equipment may be cleaned with Citrus Cleaner J48 or other solvent degreaser.

LIMITATIONS

FOR PROFESSIONAL USE ONLY

Not for use as a bond breaker or concrete release agent for tiltup concrete construction. Requires recoating after each use. Do not apply onto reinforcing steel. DO NOT OVER APPLY. Over-application could cause excessive surface dusting and/or transfer to concrete. When any material is to be applied over the newly formed concrete, follow the application instructions of the material, manufacturer.

PRECAUTIONS

READ MSDS PRIOR TO USING PRODUCT

- Keep material and containers away from high heat, open flames, sparks or other sources of ignition
- Use with adequate ventilation
- Wear protective clothing, gloves and eye protection (goggles, safety glasses and/or face shield)
- Keep out of the reach of children
- Do not take internally
- In case of ingestion, seek medical help immediately

TECHNICAL DATA SHEET

- May cause skin irritation upon contact, especially prolonged or repeated. If skin contact occurs, wash immediately with soap and water and seek medical help as needed.
- If eye contact occurs, flush immediately with clean water and seek medical help as needed
- Dispose of waste material in accordance with federal, state and local requirements

MANUFACTURER

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Technical Services: 877-266-7732
Website: www.daytonsuperior.com

WARRANTY

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Sec
7
Form Release Agents

TECHNICAL DATA SHEET
DESCRIPTION

Magic Kote® is a V.O.C. compliant, ready-to-use, petroleum based, chemically neutral, diesel free concrete form release. Magic Kote® is water insoluble and contains no waxes. Magic Kote® effectively prevents bonding of concrete to forms and formliners. Use of Magic Kote® regularly will increase the life of all forms.

USE

Magic Kote® chemically releases hardened concrete from steel, aluminum, plywood, and composition forms.

FEATURES

- Positive release
- Helps to reduce dusting of concrete
- Increases the life of both wood and steel forms.
- Helps prevent deterioration and corrosion of steel.

V.O.C.

Less than 250 g/L. Compliant with all Canadian and U.S. VOC regulations for Concrete Form Release agents including Federal EPA, OTC, LADCO & CARB.

ESTIMATING GUIDE

	Sq. Feet per Gallon	Sq. Meters per Liter
Steel	2000	49.2
Aluminum	2000	49.2
Medium Density Plywood	1000-1500	24.6-36.9
High Density plywood	2000	49.2
Rough Sawn Lumber		
1st use, 2 coats	700	17.2
Subsequent uses	1000	24.6

Texture and absorption of forming material will dictate final coverage rate.

Prior to coating plywood forms, apply one or two heavy brush coats to edges to ensure ease of form removal.

PACKAGING

ITEM #	PACKAGE	SIZE	
		Gallons	Liters
243131	Pail	5	18.93
243000	Drum	55	208.20
243694	Tote	275	1,040.99

STORAGE

Store in dry environment. Shelf life is two years from date of manufacture.

APPLICATION

Surface Preparation: Surfaces to be treated should be clean and free of water, dust and dirt or residues that might transfer to the final concrete surface.

Placement: Apply during dry weather with low pressure spray, roller or brush. Apply uniformly in a thin but continuous film to assure proper coverage. For best results apply to forms before each use. Avoid applying too heavily. Wipe excessive material from forms prior to installing forms and concrete placement. Prior to coating plywood forms, apply one or two heavy brush coats to edges to ensure complete water-proofing protection.

CLEAN UP

Sprayers and other equipment may be cleaned with Citrus Cleaner J48 or other solvent degreaser.

**LIMITATIONS
FOR PROFESSIONAL USE ONLY**

Not for use as a bond breaker or concrete release agent for tilt-up concrete construction.

Requires recoating after each use.

Do not apply onto reinforcing steel.

DO NOT OVER APPLY. Over application could cause excessive surface dusting and/or transfer to concrete.

When any material is to be applied over the newly formed concrete, follow the application instructions of the material manufacturer.

PRECAUTIONS

READ MSDS PRIOR TO USING PRODUCT

- Keep material and containers away from high heat, open flames, sparks or other sources of ignition
- Use with adequate ventilation
- Wear protective clothing, gloves and eye protection (Goggles, Safety Glasses and/or Face Shield)
- Keep out of the reach of children
- Do not take internally
- In case of ingestion, seek medical help immediately
- May cause skin irritation upon contact, especially prolonged or repeated. If skin contact occurs, wash immediately with soap and water and seek medical help as needed
- If eye contact occurs, flush immediately with clean water and seek medical help as needed
- Dispose of waste material in accordance with federal, state and local requirements

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Dayton shall not be liable in contract or in tort (including, without limitation, negligence, strict liability or otherwise) for loss of sales, revenues or profits; cost of capital or funds; business interruption or cost of downtime, loss of use, damage to or loss of use of other property (real or personal); failure to realize expected savings; frustration of economic or business expectations; claims by third parties (other than for bodily injury), or economic losses of any kind; or for any special, incidental, indirect, consequential, punitive or exemplary damages arising in any way out of the performance of, or failure to perform, its obligations under any contract for sale of product, even if Dayton could foresee or has been advised of the possibility of such damages. The Parties expressly agree that these limitations on damages are allocations of risk constituting, in part, the consideration for this contract, and also that such limitations shall survive the determination of any court of competent jurisdiction that any remedy provided in these terms or available at law fails of its essential purpose.

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TECHNICAL DATA SHEET

DESCRIPTION

Clean Strip™ J1EF is a water-based, economical, V.O.C. compliant, concrete form release agent. Clean Strip™ J1EF works to ensure clean, positive release on plywood, fiberglass, aluminum, steel, urethane and other concrete forming materials and form liners. This product acts as a barrier to the adhesion of concrete while minimizing surface dusting. Properly applied, Clean Strip™ J1EF will not stain concrete or interfere with the adhesion of coatings.

USE

Clean Strip™ J1EF works to ensure clean, positive release on plywood, fiberglass, aluminum, steel, urethane and other concrete forming materials and form liners.

FEATURES

- Economical
- V.O.C. compliant
- Clean, positive release
- Minimizes surface dusting
- Reduced surface defects
- Non-staining
- Water clean up
- Biodegradable
- Certified to conform to NSF/ANSI Standard 61 by WQA
- May contribute to LEED credits
- Excellent sprayability



V.O.C. CONTENT

Contains 0 g/L. Compliant with all US VOC regulations for Concrete Form Release agents including Federal EPA, OTC, LADCO, SCAQMD & CARB.

ESTIMATED COVERAGE

Hard/dense/smooth forms (plastic, fiberglass, steel, HDO, aluminum)

1000 – 1500 sq. ft./gal.
(24.6 - 36.9 sq m/L)

Medium density overlaid plywood

1000 – 1250 sq. ft./gal.
(24.6 - 30.7 sq m/L)

Dimensional or rough lumber, striated plywood

500 – 1000 sq. ft./gal.
(12.3 - 24.6 sq m/L)

Apply 2 coats @ 500 sq ft /gal (12.3 sq m/L) on new forms, then 1000 sq ft /gal (24.6 sq m / L) on subsequent treatments

Note: Texture and surface absorption of forming material will influence final coverage rates.

PACKAGING

ITEM #	PACKAGE	SIZE	
		Gallon	Liter
309374	Pail	5 Gal.	18.93
309373	Drum	55 Gal.	208.20
309372	Tote	275 Gal	1040.99

STORAGE

Keep from freezing. Store in original containers, keeping container lids, spouts and/or bungs tightly sealed. Shelf life of 12 months in properly stored sealed containers.

APPLICATION

Surface Preparation: Surfaces to be treated should be clean and free of all water, dust and dirt or residues, which might transfer to the final concrete surface.

Mixing: Stir well prior to use

Placement: Apply during dry weather with low-pressure spray, roller or brush. Apply uniformly to assure proper coverage. Use of a fine fan tip, 0.1-0.2 gpm allows for more even coverage and avoidance of excess material. For improved application consistency and reduction in labor utilize the Dayton Spray-Pro (Item # 309233 or 309232) power spray system. Wipe excess material from forms prior to form construction and concrete placement. **FOR BEST RESULTS APPLY TO FORMS BEFORE EACH USE.**

CLEAN UP

Use clean water for clean up.

LIMITATIONS FOR PROFESSIONAL USE ONLY

This product is certified to a maximum surface area to volume ratio of 1.1 sq. cm/L

Forms and equipment must be clean and dry prior to use.

Excessive rain after application prior to concrete placement may require re-application.

When properly treated forms should have a uniform thin film, with a slight waxy feel.

After use, a white residue may be visible on forms. This is normal for water based form release agents and should not be confused with concrete build up.



PRECAUTIONS

READ MSDS PRIOR TO USING PRODUCT

- Use with adequate ventilation
- Wear protective clothing, gloves and eye protection (Goggles, Safety Glasses and/or Face Shield)
- Keep out of the reach of children
- Do not take internally
- In case of ingestion, seek medical help immediately
- May cause skin irritation upon contact, especially prolonged or repeated. If skin contact occurs, wash immediately with soap and water and seek medical help as needed
- If eye contact occurs, flush immediately with clean water and seek medical help as needed
- Dispose of waste material in accordance with federal, state and local requirements

MANUFACTURER

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WARRANTY

Dayton Superior Corporation ("Dayton") warrants for 12 months from the date of manufacture or for the duration of the published product shelf life, whichever is less, that at the time of shipment by Dayton, the product is free of manufacturing defects and conforms to Dayton's product properties in force on the date of acceptance by Dayton of the order. Dayton shall only be liable under this warranty if the product has been applied, used, and stored in accordance with Dayton's instructions, especially surface preparation and installation, in force on the date of acceptance by Dayton of the order. The purchaser must examine the product when received and promptly notify Dayton in writing of any non-conformity before the product is used and no later than 30 days after such non-conformity is first discovered. If Dayton, in its sole discretion, determines that the product breached the above warranty, it will, in its sole discretion, replace the non-conforming product, refund the purchase price or issue a credit in the amount of the purchase price. This is the sole and exclusive remedy for breach of this warranty. Only a Dayton officer is authorized to modify this warranty. The information in this data sheet supersedes all other sales information received by the customer during the sales process. THE FOREGOING WARRANTY SHALL BE EXCLUSIVE AND IN LIEU OF ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, AND ALL OTHER WARRANTIES OTHERWISE ARISING BY OPERATION OF LAW, COURSE OF DEALING, CUSTOM, TRADE OR OTHERWISE.

Dayton shall not be liable in contract or in tort (including, without limitation, negligence, strict liability or otherwise) for loss of sales, revenues or profits; cost of capital or funds; business interruption or cost of downtime, loss of use, damage to or loss of use of other property (real or personal); failure to realize expected savings; frustration of economic or business expectations; claims by third parties (other than for bodily injury), or economic losses of any kind; or for any special, incidental, indirect, consequential, punitive or exemplary damages arising in any way out of the performance of, or failure to perform, its obligations under any contract for sale of product, even if Dayton could foresee or has been advised of the possibility of such damages. The Parties expressly agree that these limitations on damages are allocations of risk constituting, in part, the consideration for this contract, and also that such limitations shall survive the determination of any court of competent jurisdiction that any remedy provided in these terms or available at law fails of its essential purpose.

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