

# joint sealant

- Masterflex 700
- Masterflex 820 (Atroseal M-5)
- Masterflex 825 (Atroseal M-3)
- Masterflex 1000 (Atropat Waterstop)
- Sonolastic SL2

## MASTERFLEX

® 700

High performance, elastomeric joint sealant, (gun and pouring grades)

## Description

MASTERFLEX 700 is a high grade, polysulphide based sealant possessing outstanding resistance to deterioration due to weathering, ozone, ultra-violet light and attack by chemicals present in industrial atmospheres. It has the ability to withstand repeated cycles of compression and extension over a wide temperature range, and has excellent adhesion properties to all materials commonly employed in building and construction work.

MASTERFLEX 700 can be supplied in pouring and gun grade for sealing horizontal and vertical joints where movement is expected, or where the performance specification is too rigorous for most common mastic and joint sealers. It is ideal for use in expansion joints in reinforced concrete structures such as bridges, reservoirs, water treatment works, sea walls and roads, etc. It can also be used in floors subject to heavy usage where a high resistance to damage is required.

## Typical properties\*

\* Properties listed are only for guidance and are not a guarantee of performance.

Colour	Grey brown
Solid content	99%
Viscosity	Thixotropic paste
Tack free at 25°C	24 hours
Staining	Generally non-staining
Slump Gun Grade	Nil
Hardness shore A	25
Application temperature	5°C to 50°C
Recommended movement	Transverse $\pm 25\%$ M.A.F. (Movement Accommodation Factor)

## Packaging

Gun Grade: 3 litre sealed containers

Pouring Grade: 3 litre sealed containers

## Standards

ASTM C 920-02 Type M, Class 25

BS 5212 : Part 1 : 1990 Compliance

WRAS Approval for use in potable water

TT-S-00227E General compliance

## Estimated set and cure times

Property	5°C	10°C	25°C	40°C
Pot life	24 hrs	18 hrs	2 hrs	1 hr
Initial set	5 days	72 hrs	24 hrs	5 hrs
Full cure	8 wks	5 wks	2 wks	7 days

## Joint size

Joint size may range from a minimum of 5mm to a maximum of 50mm wide. Joints with cyclic movements should have a width:depth ratio 2:1 and designed so total movement does not exceed the 25% M.A.F. related to the joint width. Sealant depth shall not exceed joint width.

Minimum sealant depth recommended:

- 5mm for metals, glass and other impervious surfaces.
- 10mm for all porous surfaces.
- 20mm for joints exposed to hydrostatic pressures.
- 5mm below flush for joints exposed to traffic.

## Application procedure

### Joint preparation surface treatment:

Concrete & Masonry	Surfaces must be clean and dry. Wire brush thoroughly and remove dust and all contaminants.
Metals	Remove any corrosion or millscale by grit or shotblast, wirebrush, grinder or chemical remover. Degrease the surfaces with clean cloths soaked in oil-free cleansing solvent.
Wood (bare)	Wood surfaces must be clean and dry, cut back or abrade where necessary to sound timber.
Glass and glazed materials	Thoroughly clean the surfaces with clean cloths soaked in oil-free cleansing solvent.
Coating surfaces	Coating should be removed and the surfaces treated as above.

Where required, a bond breaking tape should be applied before priming.

### Priming:

The correct primer must always be used.

### Surface application:

### MASTERFLEX PRIMER NO 1

Porous surfaces (such as concrete and masonry)

Non-porous surfaces (such as metals, glass and glazed surfaces)

- Application of primer should not be carried out below 4°C.
- A single coat of primer should be applied by brush in accordance with the instructions on the primer tins. The primer must be allowed to dry to a tack free state before applying MASTERFLEX 700.
- MASTERFLEX 700 should be applied within 3 hours of primer, otherwise repriming will be necessary.

### Application temperatures:

MASTERFLEX 700 should be applied when the ambient temperature is between 4°C and 50°C. When the temperature is below 10°C storage at room temperature for several hours will ease mixing and application.

**Mixing MASTERFLEX 700:**

- Mix and use one complete unit at a time. Do not sub-divide.
- Both gun grade and pouring grade are supplied in base / reactor combined units.
- Mix for 5 - 10 minutes using a suitable paddle fitted to a 500 rpm electric drill moving the paddle completely through the mass of the material. The sides and base of the container should be periodically scraped down with a palette knife to ensure all of the curing agent is completely blended with the base compound.
- Failure to completely disperse curing agent throughout the base compound will result in uncured sealant. Once mixed MASTERFLEX 700 should be used immediately.

**Application:**

- MASTERFLEX 700 is formulated to be applied using a sealant gun but may be applied by trowel if required.
- Sealant guns are fitted with conical nozzles which can be cut to suit the joint width. The sealant should be gunned into the joint using an even trigger pressure, cleaning the nozzle occasionally to avoid contamination. Deep joints should be filled in two or more runs, to prevent air entrapment.

Once the sealant has been applied, a small timber spatula, soaked in soapy water, should be used to compact the sealant into the joints and to achieve a smooth polished finish. Any masking tape which has been applied should be removed before the sealant cures.

- Mixing and application equipment should be cleaned immediately.

**Coverage**

MASTERFLEX 700 (length of joint in metres filled per 1 litre of material)

Depth of joint mm	Width of joint mm				
	10	15	20	25	30
10	10	6.7	5	4	3.33
15		4.45	3.33	2.67	2.23
20			2.5	2	1.67
25				1.6	1.33

**Storage**

Store under cover out of direct sunlight and protect from extremes of temperature. In tropical climates the product must be stored in an air conditioned environment. Shelf life is at least 12 months when stored between 5°C and 35°C.

**Safety precautions**

The components and mixed sealant should not be left in contact with skin for prolonged periods. Gloves should be worn and the use of a barrier cream is strongly recommended. Solvent must not be used for cleaning the hands. Use an industrial cleaner and wash with soap and water. For further information including disposal instructions refer to the Material Safety Data Sheet.

**Note**

Field service, where provided, does not constitute supervisory responsibility. For



additional information contact your local  
Degussa representative.

Degussa reserves the right to have the true  
cause of any difficulty determined by accepted  
test methods.

## Quality

All products produced by Degussa certified  
manufacturing facilities, are produced to  
conform to systems designed to meet  
internationally recognised quality standards.

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# MASTERFLEX 820

(Formerly Atroseal M-5)

High performance hot poured fuel  
resistant elastomeric joint sealant

## Description

MASTERFLEX 820 is hot pouring system sealant with excellent adhesion to different materials such as: concrete, metal, wood and any other masonry materials. It has high resistance to: deterioration due to weathering, ultra-violet light, hot climate and hydrocarbons derivatives such as: fuel, grease, oil and gases.

## Joint size

MASTERFLEX 820 joint size ranging from 10-50mm wide and width : depth ratio should be 1:1 to 2:1.

## Typical properties\*

\* Properties listed are only for guidance and are not a guarantee of performance.

Specific gravity	1.35
Colour	Black
Consistency	Solid
Pouring temperature	120-150°C

Application temperature	>+5°C
Primer	Not require
Joint movement	Up to 15%
Standard	ASTMD 3569

## Application procedure

As MASTERFLEX 820 is hot pouring sealant, it requires special indirect heating vessel, the temperature should be controlled perfectly by means of a thermostatic switch, otherwise there is a risk of overheating which may cause curing of the MASTERFLEX 820 prior to pouring.

## Surface preparation

Surfaces must be free from any dirt, dust and loosely materials, any oil and grease must be removed. Surfaces must be dry.

## Consumption

The table below shows amount of mastic required for each linear meter / litre

Joint Width ( mm )

40	30	25	20	15	12	10	6	
		6.6	8.3	11.1	13.8	16.6	27.7	6
	4.1	5	6.2	8.3	10.4	12.5		8
2.5	3.3	4	5	6.6	8.3	10		10
2.05	2.7	3.3	4.1	5.5	6.9			12
1.6	2.2	2.6	3.3	4.4				15
1.25	1.6	2	2.5					20

Joint Depth (mm)

## Note

Field service, where provided, does not constitute supervisory responsibility. For additional information contact your local Degussa representative.

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## Quality

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REQUEST AND REFER TO RECOMMENDED  
INSTALLATION PROCEDURES FOR **MASTERFLEX**  
SEALANTS PRIOR TO USE

# MASTERFLEX

## 825

(Formerly Atroseal M-3)

**Bitumen rubber sealant carried in solvent**

### Description

MASTERFLEX 825 is a single component, ready to use sealant based on a modified bitumen-rubber, with excellent adhesion to most construction materials such as concrete, brickwork and asphalt.

### Composition

MASTERFLEX 825 is based on special blend of rubber and high quality bitumen, stabilised with chemical additives, and carried in hydrocarbon solvent to form a tough flexible waterproof seal.

### Typical properties\*

\* Properties listed are only for guidance and are not a guarantee of performance.

Appearance	Black paste
Service temperature	-20° to 70°C
Application temperature	10-40°C
Specific gravity	1.25gr/cm <sup>3</sup>
Slump	0
Initial set at 35°C	4 hours
Full cure at 35°C	4 weeks
Solids content	79%

### Packaging

MASTERFLEX 825 is available in 10kg cans and has a minimum shelf life of 6 months.

### Application

By means of a spatula or trowel remove the mastic from the can and apply to prepared joint profile. In vertical instances apply from bottom up, to smooth the surface of sealant use a spatula or putty knife moisten with solvent. All the tools should be cleaned with cleaning solvent immediately after use.

### Surface preparation

Surfaces must be free from any dirt, dust and loosely adhering materials, any oil and grease must be removed. Surfaces must be dry.

### Consumption

The table below shows amount of mastic required for each linear meter / litre



Joint Width ( mm)

40	30	25	20	15	12	10	6	
		6.6	8.3	11.1	13.8	16.6	27.7	6
	4.1	5	6.2	8.3	10.4	12.5		8
2.5	3.3	4	5	6.6	8.3	10		10
2.05	2.7	3.3	4.1	5.5	6.9			12
1.6	2.2	2.6	3.3	4.4				15
1.25	1.6	2	2.5					<b>20</b>

### Note

Field service, where provided, does not constitute supervisory responsibility. For additional information contact your local Degussa representative.

Degussa reserves the right to have the true cause of any difficulty determined by accepted test methods.

### Quality

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REQUEST AND REFER TO RECOMMENDED  
INSTALLATION PROCEDURES FOR  
**MASTERFLEX SEALANTS PRIOR TO USE**

# MASTERFLEX 1000

(Formerly Atropat Waterstop)

Flexible modified PVC bars waterstop

## Description

MASTERFLEX 1000 are flexible modified PVC bars used to control water leakage in dams, swimming pools, tunnels and galleries.

## Application

MASTERFLEX 1000 waterstops are produced in O and E types in different sizes, the O types are used in expansion joints and E types are convenient to be used in construction joints.

## Typical properties\*

\* Properties listed are only for guidance and are not a guarantee of performance.

Colour:	Yellow
Hardness ASTM D2240	75 Shore A
Tensile strength ASTM D-412	11N/mm <sup>2</sup>
Elongation ASTM D-412	320%
Water absorption ASTM D-471	0.0629

## ckaging

MASTERFLEX 1000 waterstops are usually supplied in 200, 240 and 300mm width, 15-25m length and 3-10mm thickness, but any other sizes can be produced according to the customer or project requirements.

## Welding

MASTERFLEX 1000 waterstops are made of thermoplastic PVC, they can be welded by heating the ends to form plastic quality and then press them together, for certain connection 300mm overlap is necessary.

## Shelf life

MASTERFLEX 1000 should be stored out of direct sun-light, in this manner they have a minimum 2 years shelf life.

## Note

Field service, where provided, does not constitute supervisory responsibility. For additional information contact your local Degussa representative.

Degussa reserves the right to have the true cause of any difficulty determined by accepted test methods.

## Quality

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# SONOLASTIC SL 2

Multi-component self-levelling polyurethane sealant

## Description

SL 2 is a multi-component, self levelling, elastomeric polyurethane sealant that is mixed and poured in place. When cured, it forms a tough, resilient joint seal that resists penetration, abrasion, and remains flexible when exposed to weather and aging.

## Features

Movement capability  $\pm 25\%$ .

Abrasion resistant.

Penetration resistant.

Resilient.

Service range from  $-40^{\circ}\text{C}$  to  $82^{\circ}\text{C}$ .

Available in custom colours.

Self-levelling and slope grades.

## Where to use SL 2

### Application

- Expansion joints
- Sidewalks
- Pavements
- Decks
- Parking ramps
- Precast double T's
- Cantilever decks
- Warehouses
- Balconies

- Industrial applications
- Location
- Horizontal or sloped
- Interior or exterior
- Substrate
- Concrete
- Metal

## Benefits

- Expands and contracts with joint movement.
  - Handles pedestrian and vehicular traffic.
- Withstands pressure from pointed objects.
- Resists permanent deformation.
  - Suitable for all climates.
  - Can be colour matched to any substrate.
  - Provides application versatility.

## Packaging

SL 2 is available in 5.67 litre units containing Part A and Part B.

Primer 733

Cans, 473 ml.

Coverage rate of primers is approximately 137 linear metre per 473 ml for a 13 mm deep joint.

## Colours

40 standard, stocked colors are available. Refer to the Popular Palette for Sealants and Waterproofing. 463 standard (nonstocked) colors are also available, and custom matching can be done upon request. Refer to the Sonneborn Color Portfolio.

## Standards

- Federal Specification TT-S-00227E, Type I, Class A
- Corps of Engineers CRD-C-506, Type I, Class A
- ASTM C 920, Type M, Grade P, Class 25, Use T and M
- Canadian Specification CAN/CGSB 19.24-M90, Classification MCG-1-40-B-L, No. 81031
- Canadian approval for use in establishments that handle food
- USDA approval for use in areas that handle meat and poultry

## Typical properties of cured sealant\*

\* Properties listed are only for guidance and are not a guarantee of performance.

Property	SL 2	SL 2 Slope Grade
Movement capability ASTM C719	± 25	± 25
Tensile strength ASTM D412	125 psi	145 psi
Elongation ASTM D412	240%	225%
Shrinkage	Nil	Nil
Low temperature flexibility (-26°C) ASTM C793	Passes	Passes
Service temperature range (-40°C to 82°C)	Passes	Passes
Stain and colour change (no visible stain) ASTM C510	None	None
Extrusion rate and application life ASTM C603	Passes	Passes
Rheological (flow) at 49°C ASTM C639	Self-levelling	-
Hardness (Shore A) at standard conditions ASTM C661	30	30
Hardness after heat aging	40	20

(Maximum shore A 50) ASTM C661		
Tack-free time, hours (maximum 72 hours) ASTM C679	<24	<24
Bond durability on concrete ASTM C719	Passes#	Passes#
Weight loss after heat aging ASTM C792	5%	5%
Cracking & chalking after heat aging ASTM C792	None	None
Artificial weathering Xenon Arc, 250 hours, ASTM C793	Passes#	Passes#
Artificial weathering Xenon Arc, 2000 hours, ASTM G26	No surface cracking	No surface cracking
Adhesion in peel, on concrete ASTM C794	Passes#	Passes#

# Primed for water immersion dictated by ASTM C920

Test results are averages obtained under laboratory conditions. Reasonable variations can be expected.

## For best performance

- Do not allow SL 2 sealants to come into contact with alcohol-based materials or solvents.
- Do not apply polyurethane sealants in the vicinity of uncured silicone sealants or uncured
- Sonolastic 150 with VLM Technology or 150 Tint Base.
- SL 2 is not intended for continuous immersion in water. Contact Technical Service for recommendation.
- For slopes up to 12% use SL 2 Slope Grade. For slopes over 12% use NP 2sealant.

- Backer-rods, joint fillers, or bondbreakers must be tight to the sides of the joint to prevent loss of sealant through the bottom.
- 1. For joints subject to puncture by high heels or umbrella points, a stiffer or higher density backup material is required. Cork or rigid non-impregnated cane-fiber joint fillers are suitable. Separate materials from the sealant by a non-adhering bondbreaker (polyethylene tape).
- 2. Do not use other caulks or sand as a bottom bed in a joint.
- 3. Do not install when rain is expected before the sealant reaches initial cure (about 12 hours).
- 4. Units of SL 2 are pre-measured; do not use partial units.
- 5. SL 2 may yellow in the presence of unvented artificial heat; this is a surface phenomenon that does not affect sealant performance.
- 6. Use only Sonolastic color packs intended for use with SL 2.
- 7. Make certain the most current versions of product data sheet and MSDS are being used; call Customer Service (+971-4-8851000) to verify the most current version.
- 8. Proper application is the responsibility of the user. Field visits by Degussa personnel are for the purpose of making technical recommendations only and not for supervising or providing quality control on the jobsite.
- 2. The depth of the sealant should be  $\frac{1}{2}$  the width of the joint. The maximum depth is 13mm regardless of joint width and the minimum is 6mm.
- 3. In deep joints, the sealant depth must be controlled by Closed Cell Backer-Rod or Soft Backer Rod. Where the joint depth does not permit the use of backer-rod, a bondbreaker (polyethylene strip) must be used to prevent three-point bonding.
- 4. To maintain the recommended sealant depth, install backer-rod by compressing and rolling it into the joint channel without stretching it length-wise. Closed-Cell Backer-Rod should be about 3 mm larger in diameter than the width of the joint to allow for compression. Soft Backer-Rod should be approximately 25% larger in diameter than the joint width. Backer-Rod becomes an integral part of the joint. The sealant does not adhere to it, and no separate bondbreaker is required. Do not prime or puncture the backer-rod.

#### Surface preparation:

- 5. It is essential that joints be clean and dry. Joint surfaces must be structurally sound, fully cured, and free of all loose aggregate, paint, oil, grease, asphalt.
- 6. Wax, mastic compounds, waterproofing compounds, form release materials, curing compounds or any other contaminants.
- 7. New concrete: Remove all loose material from joints by wire brushing. Sandblast surfaces in contact with form release agents. New concrete must be fully cured. Laitance must be removed by abrading.
- 8. Old concrete: For previously sealed joints, remove all old material by mechanical means. If joint surfaces have absorbed oils,

#### Directions for use

##### Joint preparation:

- 1. The number of joints and the joint width should be designed for a maximum of  $\pm 25\%$  movement.

remove sufficient concrete to ensure a clean surface.

**9. Priming:**

1. Joint surfaces must be primed with Primer 733 before sealing. If the surfaces are other than masonry or concrete, test first to determine adhesion. Technical assistance is available from Degussa.
2. Apply primer in a thin, uniform film. Avoid buildup of film.
3. Allow approximately 15–30 minutes drying time before applying sealant. (Primer should be tack free.) Sealant must be applied same day as primer.
4. To minimize contamination of adjacent surfaces, apply masking tape and remove before sealant has begun to thicken and set.

**Mixing:**

5. SL 2 is a three-component system and must be thoroughly mixed before use. The oversize base container allows for the addition and mixing of Part B and Sonolastic® color pigment into Part A.
6. NOTE: Sonolastic color paks are not added to pretinted SL 2.
7. Transfer Part B to Part A container by cutting open Part B pouch and squeezing out contents. It is imperative that the entire contents of Part B be combined with Part A. (2) With a slow-speed drill and a sealant mixing paddle, thoroughly mix 2–3 minutes. The paddle blade must be kept below the surface of the sealant to avoid whipping in air. (3) Transfer the contents of the Sonolastic® pigment can into the mixed Part A and B. Use a spatula or knife, removing the entire contents to ensure consistent color. (4) Continue mixing with a slow-speed drill and sealant paddle until

color is uniform. During the process, scrape the sides and bottom of the Part A container can and the paddle itself several times.

1. Use 2 Part B and 2 Sonolastic pigment containers for each Part A container. Mix as instructed.
2. Pot life of the sealant is dependent upon temperature.

**Application:**

3. All caulking and sealing should be performed when temperatures are above 4°C; any moisture or frost on surfaces will adversely affect adhesion.
4. Fill joints from the bottom; avoid bridging of the joint, which may form air voids.
5. For large joints, the self-levelling grade may be poured directly from the can.
6. For smaller joints and for all slope-grade applications, fill the joint by flowing the sealant from a bulk-loading gun.
7. Light tooling of the slope-grade sealant is recommended to smooth out ripples. On sloped surfaces, tool from the lowest point to the highest. Do not use soap or solvent.

## Clean up

8. Immediately after use and before sealant has cured, clean equipment with SOLVENT NO. 2 or Xylene.
9. The cured sealant may be removed by cutting with a sharp-edged tool, thin films by abrading.

## Curing

Cure time will vary with humidity and temperature. Initial cure is within 24 hours and complete cure takes approximately 7 days.

Cure rates are dependent on temperature and humidity. Protect joint from dirt and traffic until cured.

Table 1	Working Times	
	Standard Conditions	Colder
	23°C	temperatures 4°C
No accelerator	1½ to 2 hours	4½ to 5½ hours
1 accelerator	30 to 45 minutes	1½ to 2 hours
2 accelerator	30 to 45 minutes	1½ to 2 hours
3 accelerator	-	45 minutes to 1 hour

### Shelf life

Shelf life of both products is 12 months when stored in unopened containers under normal conditions.

### Coverage

Linear Metres per litre

joint width (mm)

Joint depth (mm)	6.4	9.5	12.7	15.9	19.0	22.2	25.4
6	24.8	16.5	12.4	9.8			
10				6.6	5.5	4.7	4.1
13					4.1	3.5	3.0

### Health and Safety

#### SL 2PART A

#### Warning

SL 2 Part A contains calcium carbonate, toluene diisocyanate, silicon dioxide, titanium dioxide, and mineral spirits (Stoddard type).

#### Risks

Combustible liquid and vapor. May cause skin and eye irritation. Inhalation of vapors may

cause irritation and intoxication with headaches, dizziness and nausea. May cause dermatitis and allergic responses. Potential skin and/or respiratory sensitizer. Ingestion may cause irritation. Reports associate repeated or prolonged occupational overexposure to solvents with permanent brain, nervous system, liver and kidney damage. INTENTIONAL MISUSE BY DELIBERATELY INHALING THE CONTENTS MAY BE HARMFUL OR FATAL.

#### Precautions

KEEP OUT OF THE REACH OF CHILDREN. KEEP AWAY FROM HEAT, FLAME AND SOURCES OF IGNITION. Keep container closed when not in use. Prevent contact with skin, eyes and clothing. Wash thoroughly after handling. DO NOT take internally. Use only with adequate ventilation. Use impervious gloves, eye protection and if the TLV is exceeded or product is used in a poorly ventilated area, use NIOSH/MSHA

approved respiratory protection in accordance with applicable federal, state and local regulations. Keep container closed when not in use. Empty container may contain explosive vapors or hazardous residues. All label warnings must be observed until container is commercially cleaned or reconditioned.

#### First Aid

In case of eye contact, flush thoroughly with water for at least 15 minutes. SEEK IMMEDIATE MEDICAL ATTENTION. In case of skin contact, wash affected areas with soap and water. If irritation persists, SEEK MEDICAL ATTENTION. Remove and wash contaminated clothing. If inhalation causes physical discomfort, remove to fresh air. If discomfort persists or any breathing difficulty occurs, or if



swallowed, SEEK IMMEDIATE MEDICAL ATTENTION. Refer to Material Safety Data Sheet (MSDS) for further information.

### Proposition 65

This product contains material listed by the state of California as known to cause cancer, birth defects, or other reproductive harm.

### VOC Content

64.6–93 g/L, less water and exempt solvents, when products are mixed.

### SL 2 PART B

#### Warning

SL 2 Part B contains toluene diisocyanate mix.

#### Risks

May cause eye, skin or respiratory irritation.  
May cause dermatitis and allergic reactions.  
Potential skin and/or respiratory sensitizer.

#### Precautions

KEEP OUT OF THE REACH OF CHILDREN.  
Prevent contact with skin, eyes or clothing.  
Wash thoroughly after handling. DO NOT take internally. Ingestion may cause irritation. Use only with adequate ventilation. Keep container closed. Inhalation may cause irritation. Use impervious gloves, eye protection and if the TLV is exceeded or used in a poorly ventilated area, use NIOSH/MSHA approved respiratory protection in accordance with applicable federal, state and local regulations. All label warnings must be observed until container is commercially cleaned or reconditioned.

#### First Aid

In case of eye contact, flush thoroughly with water for at least 15 minutes. SEEK IMMEDIATE MEDICAL ATTENTION. In case of skin contact, wash affected areas with soap and water. If irritation persists, SEEK MEDICAL ATTENTION. Remove and wash contaminated clothing. If inhalation causes physical discomfort, remove to fresh air. If discomfort persists or any breathing difficulty occurs, SEEK IMMEDIATE MEDICAL ATTENTION. Refer to Material Safety Data Sheet (MSDS) for further information.

### Proposition 65

This product contains materials listed by the state of California as known to cause cancer, birth defects, or other reproductive harm.

### VOC Content

8.09 g/L, less water and exempt solvents.

### SL 2 ACCELERATOR

#### Caution

SL 2 Accelerator contains mineral oil and 2-ethylhexanoic acid.

#### Risks

May cause skin, eye or respiratory irritation.  
May be absorbed through skin. May cause dermatitis and allergic reactions. Ingestion may cause irritation. Repeated or prolonged absorption may affect the kidneys.

#### Precautions

KEEP OUT OF THE REACH OF CHILDREN.  
Prevent contact with skin, eyes and clothing.  
Wash thoroughly after handling. DO NOT take internally. Use only with adequate ventilation.  
Inhalation may cause irritation. Keep container



closed. Use impervious gloves, eye protection and if the TLV is exceeded or used in a poorly ventilated area, use NIOSH/MSHA approved respiratory protection in accordance with applicable federal, state and local regulations.

### First Aid

In case of eye contact, flush thoroughly with water for at least 15 minutes. SEEK IMMEDIATE MEDICAL ATTENTION. In case of skin contact, wash affected areas with soap and water. If irritation persists, SEEK MEDICAL ATTENTION. Remove and wash contaminated clothing. If inhalation causes physical discomfort, remove to fresh air. If discomfort persists or any breathing difficulty occurs or if swallowed, SEEK IMMEDIATE MEDICAL ATTENTION. Refer to Material Safety Data Sheet (MSDS) for further information.

### Proposition 65

This product does not knowingly contain materials which are known to the state of California to cause cancer, birth defects, or other reproductive harm.

### VOC Content

0 lbs/gal or 0 g/L, less water and exempt solvents.

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