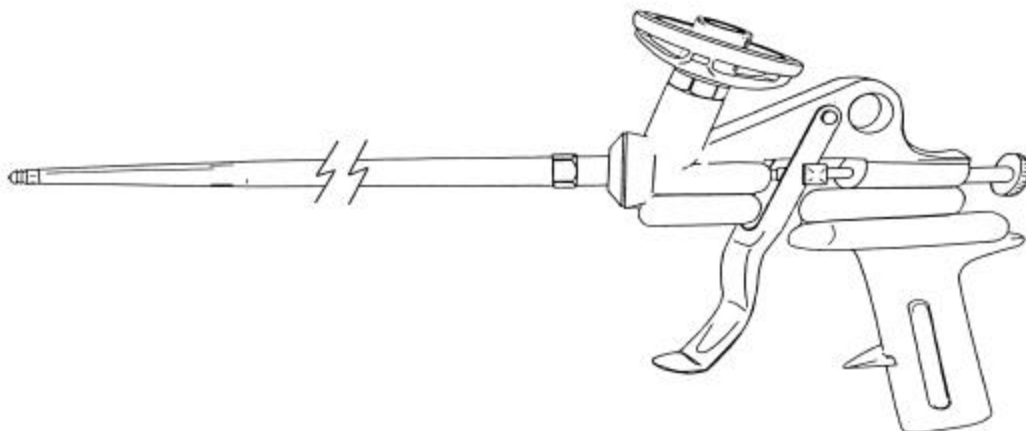


# STEEL DISPENSING UNIT

## OPERATING INSTRUCTION MANUAL

READ ALL INSTRUCTIONS AND SAFETY INFORMATION PRIOR TO USING ANY PRODUCT OR DISPENSING SYSTEM.



### CAN ATTACHMENT AND USE

- Wear appropriate safety glasses, gloves and protective clothing. Consult MSDS for product safety information. Shake can well prior to attaching the unit.
- Thread the black collar securely into the unit basket adapter until snug. Do not overtighten. It is important to align threads properly to prevent the possibility of leakage around misaligned threads. Recommended orientation of can is upside down during attachment.
- With the unit aimed into appropriate receptacle (box, bag, etc.), immediately pull the trigger to fill the barrel with chemical. Any humidity remaining inside the dispensing unit will be removed with the foam that is extruded..
- Adjust the extrusion rate as required with the regulating screw and trigger.
- After any work interruptions, shake the dispensing unit with the can attached before re-use. It is advisable to grip the can with both hands.

### CHANGING CANS

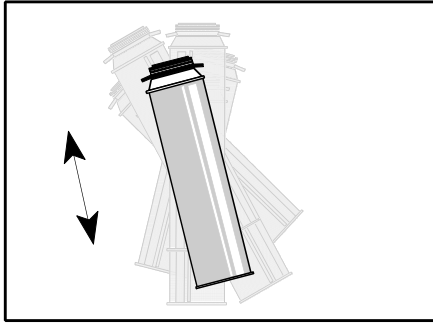
- Completely emptied containers must always be replaced immediately by a new full can.
- Squeeze trigger when unscrewing an empty can, in order to depressurize dispensing unit (point dispensing unit into appropriate waste receptacle). This will help to prevent backflow of material from the basket adapter, (If using the "High Flow Basket Adapter" remember to close the ball valve before unscrewing can).
- **CLEAN THE BASKET ADAPTER COMPLETELY OF ANY RESIDUAL MATERIAL BEFORE REPLACING CAN. Use solvent for thorough cleaning.** Use petroleum jelly lubricant on the basket adapter to prevent over-tightening. This will help maintain the basket and unit in proper working condition. *HINT: Holding the trigger open during the entire can changing process will help to prevent backflow of material from the basket adapter.*

### INSTRUCTIONS FOR CLEANING, STORAGE AND REPAIR

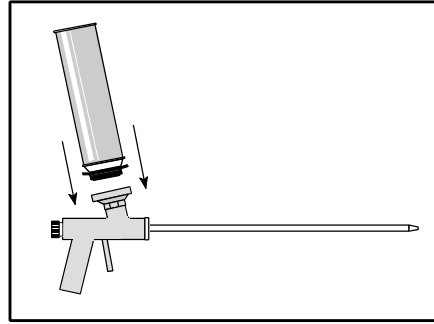
- When changing cans, always clean the basket adapter and other external parts thoroughly with cleaning agent. Use of petroleum jelly lubricant on the basket adapter after cleaning will help to prevent over-tightening.
- The dispensing unit must always be stored with a pressurized can attached, unless the unit is thoroughly cleaned. (Note: Even after performing the dispensing unit flushing procedure, some residual material may be left on internal parts. For this reason it is not recommended to store unit without a pressurized can attached, unless unit is to be dismantled, with internal parts cleaned or replaced). Prior to storage, turn regulating screw completely clockwise using screwdriver or coin. **Before starting any repairs or replacements, always bleed dispensing unit completely of any residual material and pressure. Follow these cleaning instructions to clean internal parts.**
- Holding the red spray activator aside, securely thread the cleaning agent can into the basket adapter of the unit. Do not overtighten.
- Dispense out any remaining material by carefully squeezing the trigger until cleaning agent starts to extrude from the unit. Leave the cleaning agent inside the dispensing unit for 1-2 minutes to properly dissolve any remaining PU resin, then dispense into suitable container.
- Repeat this procedure at least two to three times, using ½ to one full can of cleaning agent. Always dispose of waste in accordance with applicable regulations.
- When disassembling dispensing unit for cleaning or repair, always remove all cured foam and residue completely from all internal parts. This cleaning is best done mechanically, but may be assisted by soaking parts overnight in solvent to soften cured foam (suggested solvents; methyl pyrrolidone, m-pyrol or methylene chloride, available through local solvent supply source.)

SEE PAGE 3 OF THESE INSTRUCTIONS FOR REPLACEMENT KIT INFORMATION.

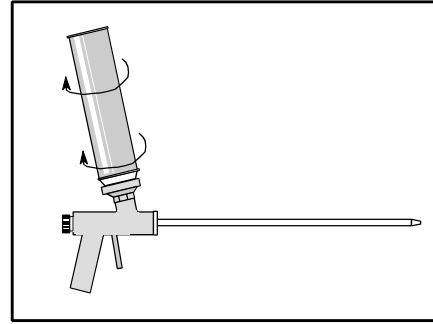
# STEEL DISPENSING GUN INSTRUCTIONS



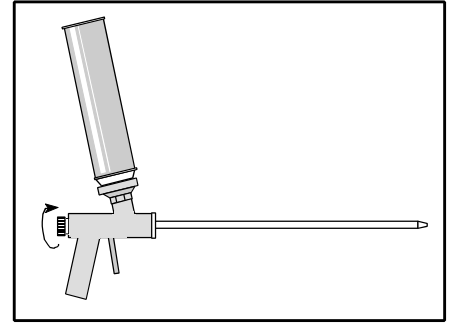
Prior to use, shake for 1 minute.



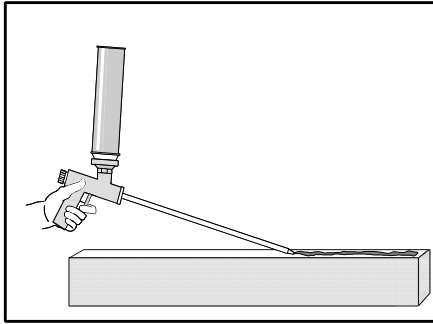
Make sure gun basket is clean. Apply petroleum jelly to inside of basket for easy can replacement. Place the can collar into the gun basket.



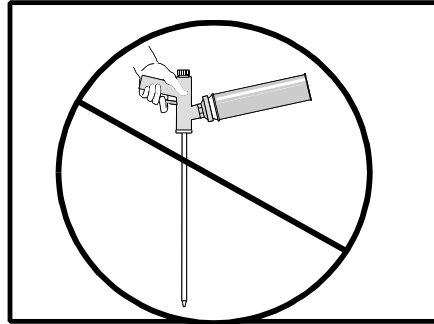
Screw the can into the gun basket, turning clockwise. Do not over tighten.



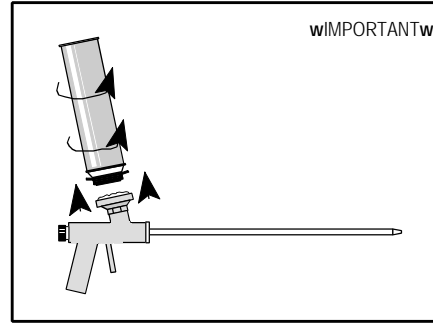
Open the gun safety by turning the knob counter clockwise. This allows the trigger to be pulled back, and the flow to be regulated.



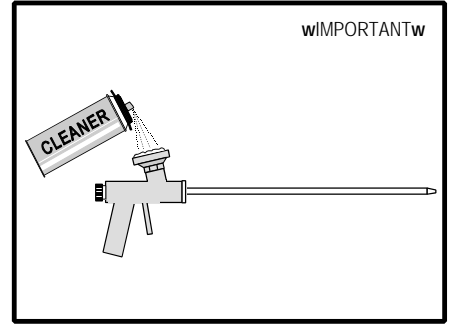
Pull back on the trigger to dispense material, keeping the can in a vertical position.



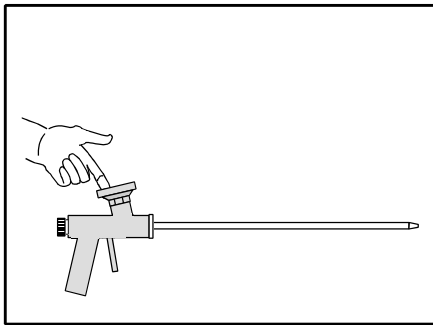
To assure proper mixture and emptying of the can, NEVER spray when the can is in a horizontal or upside down position.



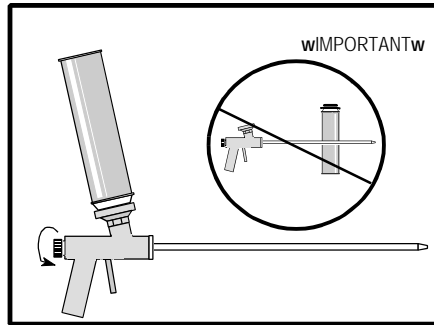
When the can is empty, remove the can by turning counter clockwise. A small amount of foam will be present in the gun basket .



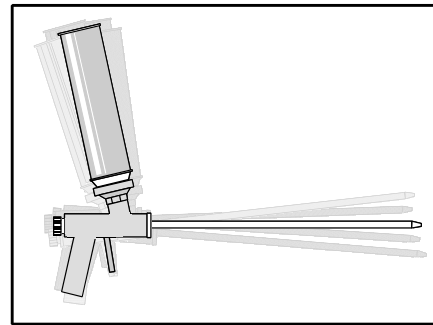
After removing the empty can, gun cleaner should be used to remove leftover foam from the basket. Always clean the basket prior to screwing on a new can. (For longer periods of storage attach the cleaner to the basket and thoroughly flush the interior of the gun.)



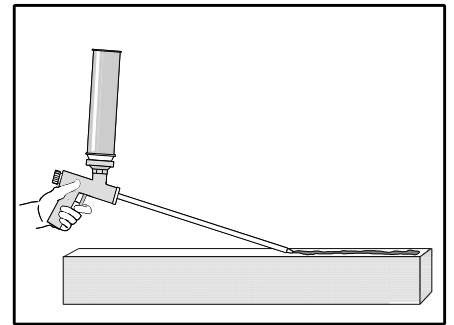
After cleaning the gun basket with solvent, apply petroleum jelly on the inside threads of the basket. This allows for easy can replacement.



ALWAYS store the dispensing unit with the can still attached. When storing for short periods of time, turn the gun safety knob completely clockwise.



When reusing after short periods of storage, simply shake the gun and can unit for 1 minute.



Proceed to dispense material.

## REPLACEMENT KIT INFORMATION

**The following kits may be ordered to replace any damaged or unusable part. The ‘Troubleshooting’ section, below, may assist in determining which parts are in need of cleaning / replacement.**

ITEM #	DESCRIPTION	EACH KIT CONTAINS:
F61021	7" (18cm) Needle Valve Replacement Kit	1-7" (18cm) Needle, 1-Spring, 3-Sleeves / Washers
F61022	22" (56cm) Needle Valve Replacement Kit	1-22" (56cm) Needle, 1-Spring, 3-Sleeves / Washers
F61023	22" (56cm) Barrel Replacement Kit	1-22" (56cm) Barrel, 1-Smooth Metal Tip
F61024	Smooth Metal Tip Replacement Kit	3-Smooth Metal Tips
F61111	Plastic Nozzle Replacement Kit	3- Tapered Nozzles (For Barbed Tip)
F61112	Universal Basket Adapter Replacement Kit	1-Basket, 1-Spring, 1-Threaded Union, 1-Ball, 1-Gasket
F61114	Barrel Replacement Kit for Standard Barrel	1-7" (18cm) Barrel, 1-Barbed Tip
F61117	Barbed Metal Tip Replacement Kit	3- Barbed Metal Tips
F54155	Needle Nose Gun Tip Kit	1-Needle Nose Gun Tip Kit
F61160	High Flow Basket Adapter Replacement Kit	1-Basket, 2-Gaskets, 1-Ball Valve Connector

## TROUBLESHOOTING

**PROBLEM: No product extrudes from gun when trigger is pulled, or product extrudes too slowly.**

<u>POSSIBLE CAUSE</u>	<u>SOLUTION</u>
➤ Cured product at the tip of the gun can partially or completely block the flow of the product.	➤ Rub the gun tip on a piece of soft lumber, or use a knife, wire brush, etc. to remove cured residue.
➤ Product is too cold. This will thicken the liquid in the can and reduce the propellant pressure, resulting in a slower flow rate.	➤ It is recommended to store the cans between 65-75°F (18-24°C) prior to use. Maintain chemical temperature above 40°F (5°C) for best flow rate. <u>Do not</u> heat cans with localized heat source (stoves, radiators, hot plates, etc.).
➤ Basket adapter may become clogged with cured product if the gun is stored without a can attached, or if it is not cleaned thoroughly when changing cans.	➤ Replace basket adapter (replacement kit F61112) or disassemble and clean internal gun parts thoroughly.
➤ Slow flow towards the end of the can may indicate a loss of propellant pressure due to either cold temperatures or from dispensing horizontally.	➤ Keep can as vertical as possible during dispensing, with valve down. If “spitting” or gas loss is excessive, shake can periodically as the can empties.
➤ Regulating screw on back of gun is in the closed position.	➤ Open regulating screw in back of gun by turning counterclockwise using screwdriver or coin. Do not turn completely or screw may become loose.
➤ Product is past its shelf life.	➤ Shake can. If no liquid movement is felt (or product is very thick) then it may be past its shelf life and needs to be replaced.
➤ A newly replaced or repaired basket adapter may have been installed with the internal check valve closed.	➤ When tightening the spring of the basket adapter check valve, turn the hex nut until no rattling can be heard when basket is shaken. Do not turn hex nut completely in.

**PROBLEM: Trigger will not depress.**

<u>POSSIBLE CAUSE</u>	<u>SOLUTION</u>
➤ Regulating screw on back of gun is in the closed position	➤ Turn regulating screw counter-clockwise, using screwdriver or coin, until desired flow is obtained.
➤ Cured product on needle valve may cause the trigger to stick. Excessive force should not be used if trigger will not open readily, as this may damage metal parts.	➤ If needle valve cannot be dislodged using the trigger, it may be able to be ‘broken free’ by turning the small packing hex-nut, or by removing the regulating screw and turning the needle valve using a set of pliers. Otherwise, the gun must be disassembled and cleaned.

**PROBLEM: Properties of dispensed product not acceptable or behaving unusually.**

<u>POSSIBLE CAUSE</u>	<u>SOLUTION</u>
➤ “Spitting” during dispensing or propellant bursts can be caused by not keeping the can vertical with the valve down.	➤ Slight spitting can be expected. Excessive spitting is not normal. Keep the can vertical, with valve down. As can is nearing empty, occasional shaking of product may reduce spitting.
➤ Expansion (or shrinkage) of product appears excessive or abnormal.	➤ Product is moisture cured, and therefore susceptible to differences in ambient humidity and temperature. These conditions have the greatest affect on the curing performance. Also application technique may need to be adjusted depending on where the product is applied.
➤ The appearance of the dispensed bead can be greatly affected by the condition of the dispensing gun. Larger open celled appearance may result if gun is not properly maintained. Also, product that is left in the barrel, or allowed to get too cold may also be affected.	➤ The initial burst of material from the barrel may be more open celled than normal. If unacceptable appearance continues, then the basket adapter may be starting to clog, and this should be replaced. Test with a fresh can that is at the proper temperature to verify.

**LIRE TOUTES LES INTRUCTIONS ET LES INFORMATIONS SUR LA SI CURITI AVANT D'UTILISER UN PRODUIT QUELCONQUE OU UN APPAREIL D'APPLICATION.**

**ATTACHEMENT DE LA BOMBONNE ET UTILISATION**

- Portez des lunettes de protection, des gants et les habits de protection appropriés. Consultez le formulaire de données sur la sécurité des matériaux (MSDS) pour obtenir les informations sur le risque que représentent les produits.
- Bien visser la bombonne avec le collier noir dans l'adaptateur d'embouchure sur le pistolet jusqu'au bout. Ne pas trop serrer. Il est important d'aligner les filets proprement pour empêcher que des fuites se produisent entre les filets.
- Dirigez le pistolet dans le récipient approprié (botte, sac, etc...) appuyez immédiatement sur la gâchette pour remplir de produit chimique le canon. Tout humidité se trouvant dans le pistolet sera chassée avec la mousse qui sortira.
- Régulez le débit de sortie selon les besoins au moyen de la vis de réglage et de la gâchette.
- Après une interruption quelconque de travail, remuez le pistolet avec la bombonne attachée à celui-ci avant de le réutiliser. Il est recommandé de tenir la bombonne des deux mains.

**CHANGEMENTS DE BOMBONNE**

- Les contenues complètement vides doivent toujours être remplacées immédiatement par une nouvelle bombonne pleine.
- Pressez la gâchette lorsque vous dévissez une bombonne vide, afin de dépressuriser le pistolet d'application (diriger le pistolet dans un récipient approprié). Cela permettra d'éviter le reflux de matériau provenant de l'adaptateur d'embouchure. Si vous utilisez l'adaptateur d'embouchure "grand débit", ne pas oublier de fermer la valve Bille avant de dévisser la bombonne.)
- NETTOYEZ COMPLÈTEMENT L'ADAPTEUR DE TOUT RESIDU AVANT DE REMPLACER LA BOMBONNE. Utilisez un solvant pour effectuer un nettoyage complet. Utilisez un lubrifiant Bille vaseline sur l'adaptateur pour empêcher un serrage trop fort. Cela permettra de maintenir l'embouchure et le pistolet dans de bonnes conditions de fonctionnement. *Conseil: Le fait d'appuyer sur la gâchette pendant le changement de la bombonne vous permettra d'éviter le reflux du produit sur l'adaptateur.*

**INSTRUCTIONS POUR LE NETTOYAGE, LE REMISAGE ET LA REPARATION**

- Pour obtenir les meilleures performances, toujours nettoyer complètement l'adaptateur et les autres parties extérieures lorsque vous changez de bombonne. L'utilisation de lubrifiant Bille vaseline sur l'adaptateur vous permettra de ne pas trop serrer.
- Le pistolet doit être remis avec une bombonne sous pression qui y est attachée, sauf si le pistolet a été nettoyé. (Remarque: Même après avoir effectué le rinçage complet du pistolet, des résidus peuvent se trouver encore sur les parties extérieures. C'est pourquoi il n'est pas recommandé de remettre le pistolet dans une bombonne sous pression qui y est attachée, sauf si le pistolet est démonté et les pièces internes nettoyées ou remplacées.) **Avant d'effectuer une réparation ou un remplacement quelconque, toujours vider complètement le pistolet de tout produit et de toute pression. Suivre les instructions de nettoyage ci-après pour nettoyer les parties internes.**
- Mettre de côté l'activateur de pulvérisateur rouge, bien vissez la bombonne d'agent de nettoyage avec le collier noir dans l'adaptateur du pistolet. Ne pas trop serrer.
- Vidanger complètement de tout reste de produit en appuyant soigneusement sur la gâchette jusqu'à ce que l'agent de nettoyage commence à sortir du pistolet. Laissez l'agent de nettoyage s'écouler pendant 1 à 2 minutes pour que se dissolvent correctement tout reste de résine PU, puis verser dans le récipient approprié.
- Répétez cette procédure au moins deux ou trois fois, en utilisant de 1/2 à une bombonne entière d'agent de nettoyage. Toujours mettre au rebut selon les règlements en vigueur. VOIR LA PAGE 3 DE CES INSTRUCTIONS POUR DES INFORMATIONS SUR LE JEU DE REMPLACEMENT.

**LEA TODAS LAS INSTRUCCIONES E INFORMACION DE SEGURIDAD ANTES DE USAR CUALQUIER PRODUCTO O SISTEMA DE DISPENSAMIENTO.**

**INSTALACION Y USO DE LA CANECA**

- Use anteojos de seguridad, guantes y ropaje de protección adecuada. Consulte las MSDS (HISM) para obtener información acerca de la seguridad del producto. Agite la caneca vigorosamente antes de instalarla en la pistola.
- Enrosque la caneca con el collar negro colocado de manera segura dentro del adaptador del portacancas de la pistola, hasta que esté completamente ajustada. No apriete demasiado. Es importante alinear las roscas correctamente para evitar la presencia de fugas alrededor de las roscas mal alineadas.
- Teniendo la pistola dirigida hacia un recipiente adecuado (caja, bolsa, etc.), hale el gatillo inmediatamente para llenar el barril con el químico. Cualquier humedad depositada en el interior de la pistola será eliminada por la espuma expulsada.
- Ajuste la velocidad de expulsión, según lo necesario, utilizando el gatillo y tornillo de regulación.
- Después de cualquier interrupción en el trabajo, agite la pistola con la caneca conectada antes de volverla a usar. Se aconseja agarrar la caneca con ambas manos.

**CAMBIO DE CANECAS**

- Los recipientes completamente vacíos siempre deberán ser reemplazados de forma inmediata con una caneca nueva y llena.
- Apriete el gatillo cuando esté desenroscando una caneca vacía, para así despresurizar la pistola de dispensamiento (punte la pistola al interior de un recipiente para desperdicios adecuado). Esto ayudará a evitar el retorno del material desde el adaptador del portacancas. Si utiliza el "Adaptador de Portacancas de Alto Flujo", acuérdese de cerrar la válvula de bola antes de desenroscar la caneca).
- LIMPIE EL ADAPTADOR DEL PORTACANECAS COMPLETAMENTE ELIMINANDO CUALQUIER MATERIAL DE RESIDUO ANTES DE REEMPLAZAR LA CANECA. Utilice un disolvente para lograr una limpieza completa. Utilice vaselina en el adaptador del portacancas para evitar el apretamiento excesivo. Esto ayudará a mantener el portacancas y la pistola en condiciones de trabajo adecuadas.
- SUGERENCIA: Mantener abierto el gatillo durante todo el proceso de cambio de la caneca, ayudará a evitar el retorno de material desde el adaptador del portacancas.

**INSTRUCCIONES PARA LA LIMPIEZA, ALMACENAMIENTO Y REPARACION**

- Para lograr el mejor funcionamiento, siempre limpie el adaptador del portacancas y las otras partes externas minuciosamente cuando cambie las canecas. El uso de vaselina en el adaptador del portacancas ayudará a evitar el apretamiento excesivo.
- La pistola deberá ser almacenada teniendo instalada una caneca presurizada, a menos que la pistola haya sido limpiada minuciosamente. (Nota: Aún después de realizar el procedimiento de limpieza interna de la pistola, es posible que existan algunos residuos de material en las partes internas. Por tal razón, no se recomienda almacenar la pistola sin que tenga instalada una caneca presurizada, a menos que la pistola vaya a ser desarmada y las partes internas vayan a ser limpiadas o reemplazadas).
- Antes de comenzar cualquier reparación o reemplazo, siempre elimine por completo cualquier residuo de material o presión de la pistola. Siga estas instrucciones de limpieza para limpiar las partes internas.
- Sosteniendo a un lado el activador de rociado rojo, enrosque la caneca del agente limpiador con collar negro dentro del adaptador del portacancas de la pistola de manera segura. No apriete demasiado.
- Elimine cualquier residuo de material apretando cuidadosamente el gatillo, hasta que el agente limpiador comience a salir de la pistola. Deje el agente limpiador dentro de la pistola por 1-2 minutos para disolver adecuadamente cualquier resina PU remanente, después dispénsela dentro de un recipiente adecuado.
- Repita este procedimiento por lo menos dos o tres veces, utilizando 1/2 a una caneca llena del agente limpiador. Siempre elimine los residuos siguiendo las regulaciones aplicables.
- VEA LA PAGINA 3 DE ESTAS INSTRUCCIONES PARA OBTENER INFORMACION ACERCA DEL JUEGO DE REEMPLAZO.

**Always read all operating, application and safety instructions before using any products from Fomo Products, Inc.** Use in conformance with all local, state and federal regulations and safety requirements. Failure to strictly adhere to any recommended procedures and reasonable safety precautions shall release the manufacture of all liability with respect to the materials or the use thereof. Read all product directions and safety information before use.

**NOTE:** Physical properties shown are typical and are to serve only as a guide for engineering design. Results are obtained from specimens under ideal laboratory conditions and may vary upon use, temperature and ambient conditions. Right to change physical properties as a result of technical progress is reserved. This information supersedes all previously published data.

**WARNINGS:** Follow safety precautions and wear protective equipment as recommended. Consult Material Safety Data Sheet (MSDS) for specific information. Use only with adequate ventilation or certified respiratory protection. Wear safety glasses, gloves, and adequate clothing when operating. If liquid chemical comes in contact with skin, first wipe thoroughly with dry cloth, then rinse affected area with water. Wash with soap and water afterwards, and apply hand lotion if desired. If liquid comes in contact with eyes, immediately flush with large volume of clean water for at least 15 minutes and get medical help at once. If liquid is swallowed, get immediate medical attention. **KEEP OUT OF REACH OF CHILDREN.**

**LIMITED WARRANTY:** The Manufacturer warrants only that the product shall meet its specifications: This warranty is in lieu of all written or unwritten, expressed or implied warranties and The Manufacturer expressly disclaims any warranty of merchantability, or fitness for a particular purpose. The buyer assumes all risks whatsoever as to the use of the material. Buyer's exclusive remedy as to any breach of warranty, negligence or other claim shall be limited to the replacement of the material. Failure to strictly adhere to any recommended procedures shall release The Manufacturer of all liability with respect to the materials or the use thereof. User of this product must determine suitability for any particular purpose, including, but not limited to, structural requirements, performance specifications and application requirements prior to installation and after product is applied.