

## **MATERIAL SAFETY DATA SHEET**

Slide products, Inc.  
430 s. Wheeling road  
Wheeling, IL 60090

### **42516T SLIDE MOLD SAVER RELEASE**

Emergency telephone: 800-535-5053

Information telephone: 847-541-7220

Fax number: 847-541-7986

Prepared by: Michael Muth

Revision date: 9-1-03

Product number: 42516T

D.U.N.S. Number: 00-299-4168

#### **SECTION I. IDENTIFICATION**

Chemical name: ca-sulfonate solution

Chemical family: petroleum sulfonate

Formula: 42516t

Synonyms: mold saver

Dot hazard classification: ORM-d

Chemical abstract registry number: N/A, mixture

Identification number: none

H.M.I.S. Rating: 2,1,0,b

#### **SECTION II. PHYSICAL DATA**

Boiling point: 103-104 degrees f.

Freezing point: <-90 degrees f.

Specific gravity: (h<sub>2</sub>O =1): 1.17

Weight per gallon @ 60 f.: 9.79

Vapor pressure @ 70 f. (mm hg): 59

Solubility in water, by wt.: nil

Evaporation rate (minutes): 1.3

Appearance and odor: water-white mobile liquid, mild halogenated hc odor

### SECTION III. HAZARDOUS INGREDIENTS

Material	Approx. weight %:	CAS number	PEL (OSHA)
Trichloroethylene**	80-90	79-01-6	100 ppm
Propane A-108	10-15	74-98-6	1000 ppm
CA-alkyl benzene sulfonate	1-5	70024-71-4*	n/a

Over based

\*\*contains no ozone depleting chemicals\*\*

All components of this product are listed on the TSCA directory

\*\*see sections x and xi for detailed cautions

### SECTION IV. FIRE AND EXPLOSION HAZARD DATA

Flammable limits in air: LEL: N/A UEL: N/A (volume %)

Flash point: no flash

Special firefighting procedures: chlorinated hydrocarbon form HCl and traces of phosgene upon pyrolysis

Unusual fire & explosion hazards: aerosols may rupture violently at temperatures above 120' f.

### SECTION V. REACTIVITY DATA

Stability: stable

Incompatibility (materials to avoid): none known

Hazardous combustion by-products: see section IV

Hazardous polymerization: will not occur

Conditions to avoid: temp. Above 120'f

### SECTION VI. HEALTH HAZARD DATA (ALSO SEE SECTIONS X & XI)

Threshold limit value: 100 ppm

\*EFFECTS OF OVEREXPOSURE\*

Ingestion (swallowing): N/A

Inhalation: giddiness, nausea, possible narcosis

Skin contact: temporary irritation-defatting of skin

Eye contact: temporary irritation.

## \*EMERGENCY AND FIRST AID PROCEDURES\*

Skin: wash with soap and water, apply hand cream

Inhalation: remove to fresh-air location away from exposure

Eyes: rinse with plenty of cool clean water until irritation subsides

## SECTION VII. SPILL OR LEAK PROCEDURES

Steps to be taken if material is released or spilled: remove leaking container to outside disposal site.

Waste disposal method: empty fully, including gas pressure. Do not puncture or incinerate. Can may be recycled or alternatively removed to a sanitary landfill on most localities. Check applicable regulations.

## SECTION VIII. SPECIAL PROTECTION INFORMATION

Respiratory protection: (specify type): not required with adequate ventilation

Ventilation: adequate ventilation recommended

Protective gloves: recommended but not required

Eye protection: proper eye care is needed in all industrial operations

Other protective equipment: as required by your company

## SECTION IX. SPECIAL PRECAUTIONS

Precautions to be taken in handling and storing: store indoors away from heat sources and direct sunlight – do not puncture or incinerate – do no drop!!

Other precautions: avoid over-spraying onto floors or slippery surface may result.

## SECTION X. EFFECTS OF PROLONGED EXPOSURE

Trichloroethylene: prolonged exposure may cause skin irritation. May be absorbed through skin to some degree. Excessive inhalation causes irritation to upper respiratory tract and may increase sensitivity to epinephrine, and increased myocardial irritability (irregular heartbeats). Minimal anesthetic effects at levels of 200-400 ppm, dizziness at higher levels; at 1000-2000 ppm unconsciousness and death. Concentrations over 6000 ppm are immediately hazardous to life. Lc50 for rats is 12,500 ppm for 4 hours. Alcohol will enhance adverse effects. Excessive exposure may cause liver or kidney effects; lower concentrations above accepted guidelines may cause central or peripheral nervous system effects.

## SECTION XI. CARCINOGENIC HAZARD

California proposition 65: this product contains a chemical known to the state of California to cause cancer.

Prolonged exposure above the OSHA permissible limits may result in liver and kidney damage. Trichloroethylene has been extensively studied for chronic effects in animals. While there are studies

in which tumors were induced in mice, there is no evidence that it poses a carcinogenic risk in humans. Trichloroethylene is listed on group 2a by IARC but is not listed by NTP or OSHA.

## **SECTION XII. REPORTING REQUIREMENTS**

This product contains the following chemical(s) required to be reported under sara Title III, section 313: trichloroethylene, CAS number 79-01-6. Reporting requirements under cercla part 302 are 100 pounds. Any releases which exceed the rq must be reported to the national response center at 800-424-8802.

This data is offered in good faith as typical values and not as a product specification. No warranty, express or implied, is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate. The information contained in this material safety data sheet is believed to be correct as of this date. The regulations promulgated by OSHA for hazard communication, 29 CFR 1910.1200, as well as several state and local laws and regulations, have been consulted in preparing this M.S.D.S.

[Http://www.slideproducts.com/mold.htm](http://www.slideproducts.com/mold.htm)