



Allied Pressroom Products  
Chemicals for the International Printing Industry

## SAFETY DATA SHEET

### Pressline Metal Plate NSF Gum (USA)

#### 1. Identification

##### Product identifier

**Product name** Pressline Metal Plate NSF Gum (USA)

##### Recommended use of the chemical and restrictions on use

**Application** For use as a gumming solution in the lithographic printing industry. Solution for gumming lithographic plates

**Uses advised against** No specific uses advised against are identified.

##### Details of the supplier of the safety data sheet

**Supplier** ALLIED PRESSROOM PRODUCTS  
2040 Lee Street  
Hollywood  
FL 33020  
USA  
+1 800-327-8487 (09:00-17:00 EST)  
+1 954-923-6462  
info@alliedchem.com

**Manufacturer** Same as supplier

##### Emergency telephone number

**Emergency telephone** 24 HR. EMERGENCY TELEPHONE 800-424-9300 CHEMTREC Allied Pressroom Products  
+1 800-327-8487 (09:00-17:00 EST)

**National emergency telephone number** 911

#### 2. Hazard(s) identification

##### Classification of the substance or mixture

**Physical hazards** Not Classified

**Health hazards** Skin Sens. 1 - H317

**Environmental hazards** Not Classified

**Human health** The product contains a sensitizing substance. May cause skin sensitization or allergic reactions in sensitive individuals.

##### Label elements

##### Pictogram



**Signal word** Warning

## Pressline Metal Plate NSF Gum (USA)

<b>Hazard statements</b>	H317 May cause an allergic skin reaction.
<b>Precautionary statements</b>	P280 Wear protective gloves/protective clothing/eye protection/face protection. P333+P313 If skin irritation or rash occurs: Get medical advice/attention. P501 Dispose of contents/container in accordance with national regulations.
<b>Contains</b>	5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-4-isothiazolin-3-one [EC no. 220-239-6] (3:1)

### Other hazards

This substance is not classified as PBT or vPvB according to current EU criteria.

### 3. Composition/information on ingredients

#### Mixtures

<b>5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-4-isothiazolin-3-one [EC no. 220-239-6] (3:1)</b>	<b>&lt;0.01%</b>
CAS number: 55965-84-9	
M factor (Acute) = 10	M factor (Chronic) = 1
<b>Classification</b> Acute Tox. 3 - H301 Acute Tox. 3 - H311 Acute Tox. 3 - H331 Skin Corr. 1B - H314 Eye Dam. 1 - H318 Skin Sens. 1 - H317	

The Full Text for all Hazard Statements are Displayed in Section 16.

### 4. First-aid measures

#### Description of first aid measures

<b>Inhalation</b>	Move affected person to fresh air at once. Get medical attention if any discomfort continues.
<b>Ingestion</b>	Do not induce vomiting. Rinse mouth thoroughly with water. Give plenty of water to drink. Get medical attention if any discomfort continues.
<b>Skin Contact</b>	Remove affected person from source of contamination. Wash skin thoroughly with soap and water. Get medical attention if symptoms are severe or persist after washing.
<b>Eye contact</b>	Remove any contact lenses and open eyelids wide apart. Rinse immediately with plenty of water. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

#### Most important symptoms and effects, both acute and delayed

<b>Inhalation</b>	No specific symptoms known.
<b>Ingestion</b>	No specific symptoms known.
<b>Skin contact</b>	Allergic rash.
<b>Eye contact</b>	No specific symptoms known.

#### Indication of immediate medical attention and special treatment needed

<b>Notes for the doctor</b>	No specific recommendations.
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### 5. Fire-fighting measures

## Pressline Metal Plate NSF Gum (USA)

### Extinguishing media

**Suitable extinguishing media** The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire.

### Special hazards arising from the substance or mixture

**Specific hazards** No unusual fire or explosion hazards noted.

**Hazardous combustion products** Vapours/gases/fumes of: Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>).

### Advice for firefighters

**Special protective equipment for firefighters** Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

## 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

**Personal precautions** Wear protective clothing as described in Section 8 of this safety data sheet.

### Environmental precautions

**Environmental precautions** Avoid discharge into drains or watercourses or onto the ground.

### Methods and material for containment and cleaning up

**Methods for cleaning up** Wash thoroughly after dealing with a spillage. Absorb in vermiculite, dry sand or earth and place into containers.

**Reference to other sections** For waste disposal, see Section 13.

## 7. Handling and storage

### Precautions for safe handling

**Usage precautions** Avoid spilling. Avoid contact with skin and eyes.

### Conditions for safe storage, including any incompatibilities

**Storage precautions** Store in tightly-closed, original container in a dry, cool and well-ventilated place.

### Specific end uses(s)

**Specific end use(s)** The identified uses for this product are detailed in Section 1.2.

## 8. Exposure Controls/personal protection

**Ingredient comments** No exposure limits known for ingredient(s).

### Exposure controls

#### Protective equipment



**Appropriate engineering controls** No specific ventilation requirements.

**Eye/face protection** Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Chemical splash goggles.

## Pressline Metal Plate NSF Gum (USA)

<b>Hand protection</b>	Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. It is recommended that gloves are made of the following material: Nitrile rubber.
<b>Other skin and body protection</b>	Wear appropriate clothing to prevent any possibility of skin contact.
<b>Hygiene measures</b>	Wash hands at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke. Do not smoke in work area.
<b>Respiratory protection</b>	No specific recommendations.

### 9. Physical and Chemical Properties

#### Information on basic physical and chemical properties

<b>Appearance</b>	Liquid.
<b>Color</b>	Colorless.
<b>Odor</b>	No characteristic odor.
<b>Odor threshold</b>	No information available.
<b>pH</b>	pH (concentrated solution): 4 - 6
<b>Melting point</b>	Not applicable.
<b>Initial boiling point and range</b>	>100°C @ 760 mm Hg >212°F @ 760 mm Hg
<b>Flash point</b>	None °F TCC (Tag closed cup).
<b>Evaporation rate</b>	< 1 (butyl acetate = 1)
<b>Upper/lower flammability or explosive limits</b>	No information available.
<b>Vapour pressure</b>	as water 17 mmHg @ 20°C
<b>Vapour density</b>	>1
<b>Relative density</b>	1.01 @ 20°C
<b>Bulk density</b>	Not applicable.
<b>Solubility(ies)</b>	Soluble in water.
<b>Partition coefficient</b>	No information available.
<b>Auto-ignition temperature</b>	No information available.
<b>Decomposition Temperature</b>	No information available.
<b>Viscosity</b>	No information available.
<b>Oxidising properties</b>	Not available.
<b>Comments</b>	Information declared as "Not available" or "Not applicable" is not considered to be relevant to the implementation of the proper control measures.
<b>Volatile organic compound</b>	This product contains a maximum VOC content of 0 g/litre. This product contains a maximum VOC content of 0 lb per Gallon.

### 10. Stability and reactivity

## Pressline Metal Plate NSF Gum (USA)

<b>Reactivity</b>	There are no known reactivity hazards associated with this product.
<b>Stability</b>	Stable at normal ambient temperatures.
<b>Possibility of hazardous reactions</b>	Will not polymerize.
<b>Conditions to avoid</b>	Avoid excessive heat for prolonged periods of time.
<b>Materials to avoid</b>	No specific material or group of materials is likely to react with the product to produce a hazardous situation.
<b>Hazardous decomposition products</b>	Fire creates: Carbon monoxide (CO). Carbon dioxide (CO <sub>2</sub> ).

### 11. Toxicological information

#### Information on toxicological effects

##### Acute toxicity - oral

**Notes (oral LD<sub>50</sub>)** Based on available data the classification criteria are not met.

##### Acute toxicity - dermal

**Notes (dermal LD<sub>50</sub>)** Based on available data the classification criteria are not met.

##### Acute toxicity - inhalation

**Notes (inhalation LC<sub>50</sub>)** Based on available data the classification criteria are not met.

##### Skin corrosion/irritation

**Animal data** Based on available data the classification criteria are not met.

##### Serious eye damage/irritation

**Serious eye damage/irritation** Based on available data the classification criteria are not met.

##### Respiratory sensitisation

**Respiratory sensitisation** Based on available data the classification criteria are not met.

##### Skin sensitisation

**Skin sensitisation** Sensitizing.

##### Germ cell mutagenicity

**Genotoxicity - in vitro** Based on available data the classification criteria are not met.

##### Carcinogenicity

**Carcinogenicity** Based on available data the classification criteria are not met.

##### Reproductive toxicity

**Reproductive toxicity - fertility** Based on available data the classification criteria are not met.

##### Specific target organ toxicity - single exposure

**STOT - single exposure** Based on available data the classification criteria are not met.

##### Specific target organ toxicity - repeated exposure

**STOT - repeated exposure** Based on available data the classification criteria are not met.

##### Aspiration hazard

**Aspiration hazard** Not applicable.

## Pressline Metal Plate NSF Gum (USA)

<b>Inhalation</b>	May cause respiratory system irritation.
<b>Ingestion</b>	May cause discomfort if swallowed.
<b>Skin Contact</b>	Irritating to skin. May cause sensitisation by skin contact.
<b>Eye contact</b>	May cause eye irritation.
<b>Acute and chronic health hazards</b>	This product is moderately irritating.
<b>Route of entry</b>	Skin and/or eye contact
<b>Medical Symptoms</b>	Irritation of eyes and mucous membranes. Skin irritation.

### 12. Ecological Information

**Ecotoxicity** Not known. The product contains a substance which is toxic to aquatic organisms and which may cause long-term adverse effects in the aquatic environment. However, this preparation has not been classified as hazardous to the environment using the conventional method calculation.

#### Toxicity

**Acute toxicity - fish** Not known.

**Acute toxicity - aquatic invertebrates** Not known.

**Acute toxicity - aquatic plants** Not known.

#### Persistence and degradability

**Persistence and degradability** There are no data on the degradability of this product.

#### Bioaccumulative potential

**Bio-Accumulative Potential** No data available on bioaccumulation.

**Partition coefficient** No information available.

#### Mobility in soil

**Mobility** The product is soluble in water.

#### Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** This substance is not classified as PBT or vPvB according to current EU criteria.

#### Other adverse effects

**Other adverse effects** Not known.

### 13. Disposal considerations

#### Waste treatment methods

**General information** When handling waste, the safety precautions applying to handling of the product should be considered.

**Disposal methods** Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

### 14. Transport information

## Pressline Metal Plate NSF Gum (USA)

**General**

The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, DoT).

**UN Number**

Not applicable.

**UN proper shipping name**

Not applicable.

**Transport hazard class(es)**

Not applicable.

**Packing group**

Not applicable.

**Environmental hazards****Environmentally Hazardous Substance**

No.

**Special precautions for user**

Not applicable.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

**15. Regulatory information****International Regulations****US Federal Regulations****SARA Section 302 Extremely Hazardous Substances Tier II Threshold Planning Quantities****DIMETHYLNITROSOAMINE**

<0.01%

**ETHYLENE OXIDE**

<0.01%

**CERCLA/Superfund, Hazardous Substances/Reportable Quantities (EPA)****COPPER NITRATE**

<0.01%

**DIMETHYLNITROSOAMINE**

<0.01%

**1,4-DIOXANE**

<0.01%

**ETHYLENE OXIDE**

<0.01%

**ACETALDEHYDE**

<0.01%

**SARA Extremely Hazardous Substances EPCRA Reportable Quantities**

## Pressline Metal Plate NSF Gum (USA)

### DIMETHYLNITROSOAMINE

<0.01%

### SARA 313 Emission Reporting

Not listed

### CAA Accidental Release Prevention

#### ETHYLENE OXIDE

<0.01%

#### ACETALDEHYDE

<0.01%

### FDA - Essential Chemical

Not listed

### FDA - Precursor Chemical

Not listed

### OSHA Highly Hazardous Chemicals

#### ETHYLENE OXIDE

<0.01%

#### ACETALDEHYDE

<0.01%

### US State Regulations

#### California Proposition 65 Carcinogens and Reproductive Toxins

##### DIMETHYLNITROSOAMINE

<0.01%

##### 1,4-DIOXANE

<0.01%

##### ETHYLENE OXIDE

<0.01%

##### ACETALDEHYDE

<0.01%

#### California Air Toxics "Hot Spots" (A-I)

##### DIMETHYLNITROSOAMINE

<0.01%

##### 1,4-DIOXANE

<0.01%

##### ETHYLENE OXIDE

<0.01%

##### ACETALDEHYDE

<0.01%

#### California Air Toxics "Hot Spots" (A-II)

Not listed

#### California Directors List of Hazardous Substances



## Pressline Metal Plate NSF Gum (USA)

**COPPER NITRATE**

<0.01%

**DIMETHYLNITROSOAMINE**

<0.01%

**1,4-DIOXANE**

<0.01%

**ETHYLENE OXIDE**

<0.01%

**ACETALDEHYDE**

<0.01%

**Massachusetts "Right To Know" List**

**SODIUM SULPHATE**

<0.1%

**COPPER NITRATE**

<0.01%

**DIMETHYLNITROSOAMINE**

<0.01%

**Distillates (petroleum),hydrotreated light naphthenic**

<0.01%

**1,4-DIOXANE**

<0.01%

**ETHYLENE OXIDE**

<0.01%

**ACETALDEHYDE**

<0.01%

**Rhode Island "Right To Know" List**

**COPPER NITRATE**

<0.01%

**DIMETHYLNITROSOAMINE**

<0.01%

**1,4-DIOXANE**

<0.01%

**ETHYLENE OXIDE**

<0.01%

**ACETALDEHYDE**

<0.01%

**Minnesota "Right To Know" List**

**DIMETHYLNITROSOAMINE**

<0.01%

**1,4-DIOXANE**

<0.01%

**ETHYLENE OXIDE**

<0.01%

## Pressline Metal Plate NSF Gum (USA)

**ACETALDEHYDE**

&lt;0.01%

**New Jersey "Right To Know" List****COPPER NITRATE**

&lt;0.01%

**DIMETHYLNITROSOAMINE**

&lt;0.01%

**1,4-DIOXANE**

&lt;0.01%

**ETHYLENE OXIDE**

&lt;0.01%

**ACETALDEHYDE**

&lt;0.01%

**Pennsylvania "Right To Know" List****SODIUM SULPHATE**

&lt;0.1%

**COPPER NITRATE**

&lt;0.01%

**DIMETHYLNITROSOAMINE**

&lt;0.01%

**1,4-DIOXANE**

&lt;0.01%

**ETHYLENE OXIDE**

&lt;0.01%

**ACETALDEHYDE**

&lt;0.01%

**Inventories****Canada - DSL/NDSL**

All the ingredients are listed or exempt.

DSL  
NDSL**US - TSCA**

All the ingredients are listed or exempt.

**US - TSCA 12(b) Export Notification****5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-4-isothiazolin-3-one [EC no. 220-239-6] (3:1)**

&lt;0.01%

**ACETALDEHYDE**

&lt;0.01%

**16. Other information****Key literature references and sources for data** Material Safety Data Sheet, Misc. manufacturers.**Revision comments** NOTE: Lines within the margin indicate significant changes from the previous revision.

## Pressline Metal Plate NSF Gum (USA)

<b>Issued by</b>	J Waterfield
<b>Revision date</b>	6/11/2015
<b>Revision</b>	2.0
<b>Supersedes date</b>	9/1/2014
<b>SDS No.</b>	21423
<b>Hazard statements in full</b>	H314 Causes severe skin burns and eye damage. H317 May cause an allergic skin reaction. H318 Causes serious eye damage.
<b>ACA HMIS Health rating.</b>	Moderate hazard. (2)
<b>ACA HMIS Physical hazard rating.</b>	Normally stable. (0)
<b>ACA HMIS Personal protection rating.</b>	C
<b>ACA HMIS Flammability rating.</b>	Will not burn. (0)

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