CASWELL INC

Safety Data Sheet
Penetrating Sealer

SECTION 1: Identification

1.1 Product identifier

Product name	Penetrating Sealer
Product number	PSEAL
Brand	Caswell

1.2 Other means of identification
Brown liquid with petroleum smell.

1.3 Recommended use of the chemical and restrictions on use
Moisture displacing metal sealer.

1.4 Supplier's details

Name	Caswell Inc
Address	7696 Route 31 Lyons, NY 14489 USA
Telephone	315 946 1213
Fax	315 946 4456
email	sales@caswellplating.com

1.5 Emergency phone number(s)

Office Hours (9-4ET): 315 946 1213
24 Hour: CHEMTEL US# 1-800-255-3924 Intl# +01-813-248-0585

SECTION 2: Hazard identification

2.1 Classification of the substance or mixture
- Flammable liquids (chapter 2.6), Cat. 3
- Hazardous to the aquatic environment - long-term hazard (chapter 4.1), Cat. 2

2.2 GHS label elements, including precautionary statements

Pictogram

Hazard statement(s)

H227	Combustible liquid
H226	Flammable liquid and vapor
H412	Harmful to aquatic life with long lasting effects
H411	Toxic to aquatic life with long lasting effects

Precautionary statement(s)

P210	Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P370+P378	In case of fire: Use … to extinguish.
P403+P235	Store in a well ventilated place. Keep cool.
P501	Dispose of contents/container to …
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical/ventilating/lighting/…/equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P273	Avoid release to the environment.
P391	Collect spillage.

2.3 Other hazards which do not result in classification

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Hazardous components

1. Stoddard solvent

Concentration	< 79 %
CAS no.	8052-41-3

2. White mineral oil, petroleum

Concentration	< 8 %
Other names / synonyms	Mineral oil; White mineral oil (petroleum);
CAS no.	8042-47-5

3. WATER OR OTHER NON-REPORTABLE INGREDIENTS

Concentration	< 13 %
CAS no.	7732-18-5

SECTION 4: First-aid measures

4.1 Description of necessary first-aid measures

General advice	Consult a physician. Show this safety data sheet to the doctor in attendance.
If inhaled	Aspiration hazard. If inhaled, vomiting may occur spontaneously, but do not induce. In vomiting occurs, keep head below hips to prevent aspiration. Contact a physician.
In case of skin contact	Rinse with plenty of water. Get medical attention if irritation develops and persists.
In case of eye contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
If swallowed	Drink 1 or 2 glasses of water. Do NOT induce vomiting. Get medical attention immediately if symptoms occur.
Personal protective equipment for first-aid responders	See section 8

4.2 Most important symptoms/effects, acute and delayed

May cause irritation to eyes, skin and respiratory system. Direct contact may cause stinging, tearing and redness of eyes. May cause irritatation of the eyes, nose and throat and signs of central nervous depression (eg fatigue). Pre-existing lung disorders may be aggravated.

SECTION 5: Fire-fighting measures

5.1 Suitable extinguishing media

Dry chemical, CO2 or universal type foam.

5.2 Specific hazards arising from the chemical

Material will burn, but not ignite readily.

5.3 Special protective actions for fire-fighters

Wear self-contained breathing apparatus for firefighting if necessary.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Keep away from all sources of ignition. See section 8 for PPE. Ventilate area of spill.

6.2 Environmental precautions

Do not allow to enter water source.

6.3 Methods and materials for containment and cleaning up

SMALL SPILLS: Contain and absorb with absorbent material and place into containers for later disposal. Wash site of spillage thoroughly with water. LARGE SPILLS: Dike far ahead of spill to prevent further movement. Recover by pumping or by using a suitable absorbent material and place into containers for later disposal. Dispose in suitable waste container.

SECTION 7: Handling and storage

7.1 Precautions for safe handling
Keep container tightly closed in a dry and well-ventilated place.

7.2 Conditions for safe storage, including any incompatibilities
Keep away from sources of ignition. Empty containers that contain fumes can be dangerous. Do not cut, weld, braze, solder, drill, grind or expose such containers to heat, sparks or other sources of igntion.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

1. Stoddard solvent (CAS: 8052-41-3)
PEL-TWA: 100ppm (OSHA)

2. Stoddard solvent (CAS: 8052-41-3)
TLV®: 100ppm (ACGIH)

3. White mineral oil, petroleum (CAS: 8042-47-5)
TLV®: 5ppm (ACGIH)

8.2 Appropriate engineering controls
Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product.

8.3 Individual protection measures, such as personal protective equipment (PPE)

Eye/face protection
Face shield and safety glasses. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection
Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Body protection
Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place., The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection
NIOSH/MSHA approved air purifying respirator with an organic vapor cartidge or canister may be permissable under certain circumstances where airborne concentrations are expected to exceed exposure limits.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance/form	Amber Liquid
Odor	Characteristic
Odor threshold	
pH	Not Available
Melting point/freezing point	
Initial boiling point and boiling range	350-450 degF
Flash point	126 deg F
Evaporation rate	0.13 (n-Butyl Acetate=1)
Flammability (solid, gas)	
Upper/lower flammability limits	
Upper/lower explosive limits	
Vapor pressure	33.333
Vapor density	1.2 (Air=1)
Relative density	0.79
Solubility(ies)	Negligible
Partition coefficient: n-octanol/water	
Auto-ignition temperature	
Decomposition temperature	
Viscosity	
Explosive properties	
Oxidizing properties	

SECTION 10: Stability and reactivity

10.1 Reactivity
Not reactive

10.2 Chemical stability
Stable

10.5 Incompatible materials
Oxidizing Agents, Strong Acids, Strong Bases

SECTION 11: Toxicological information

Information on toxicological effects

Skin corrosion/irritation
May cause irritation

Serious eye damage/irritation
May cause irritation

Respiratory or skin sensitization
May cause irritation

Carcinogenicity

Not a carcinogen

Aspiration hazard
If inhaled, may be aspirated into lungs where it may cause lung damage

SECTION 12: Ecological information

Toxicity
Not established, but as a petroleum based product, it will cause damage to aquatic organisms.

SECTION 13: Disposal considerations

Disposal of the product
Consult appropriate federal and local regulations for disposal. Empty containers are subject to the same regulations.

Disposal of contaminated packaging
Consult appropriate federal and local regulations for disposal. Empty containers are subject to the same regulations.

SECTION 14: Transport information

DOT (US)
UN Number: Not A Dangerous Good for Ground Transport
Class:
Packing Group:
Proper Shipping Name: Combustible Material
Reportable quantity (RQ):
Marine pollutant:
Poison inhalation hazard:

IMDG
UN Number: UN1268
Class: 3
Packing Group: III
EMS Number:
Proper Shipping Name: Petroleum Distallates, NOS

IATA
UN Number: UN1268
Class: 3
Packing Group: III
Proper Shipping Name: Petroleum Distillates, NOS

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations specific for the product in question

New Jersey Right To Know Components
Common name: STODDARD SOLVENT
CAS number: 8052-41-3

Pennsylvania Right To Know Components
Chemical name: Stoddard solvent
CAS number: 8052-41-3

HMIS Rating

Penetrating Sealer	
HEALTH	1
FLAMMABILITY	2
PHYSICAL HAZARD	0
PERSONAL PROTECTION	C

NFPA Rating

SECTION 16: Other information

16.1 Further information/disclaimer

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