

MATERIAL SAFETY DATA SHEET

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MSDS Date: Feb 14, 2014
Product Name: CHEMHOLD
MSDS #: 2014-2

Emergency Phone #: (281) 595-3456

Hazmat Sealants

900 CR 49, STE100
Angleton, TX 77515
281-595-3456 Phone M-F CST
281-595-3458 Fax 24 hr.

HEALTH 1 Slightly Hazardous

FIRE 1 Flash Point above 200°F

REACTIVITY 0 Stable

SPECIFIC --- ---

1. IDENTIFICATION

Chemical Name: Petroleum and silica product
Chemical Family: Petroleum distillates
CAS #: NA-Mixture
CAS Name: NA-Mixture
Chemical Formula: NA-Mixture
Molecular Weight: NA-Mixture
Synonyms/Common Name: ChemHold / #1812 caulk / #1812 putty
DOT Information: Not regulated by DOT as a hazardous product

2. PHYSICAL DATA

Appearance: caulk / putty
Color: black
State: pliable
Odor Characteristics: slight asphalt-like odor
pH: N.A.
Viscosity: N.A. semi-solid
Specific Gravity (Water =1): 1.5
Vapor Density (Air =1): N.A.
Vapor Pressure: .01 @ 100°F

Melting Point: 180-200° F
Boiling Point: 545-600° F
Flash Point: 175-230° F
Freezing Point: N.A. (pliable @ 72° F)
Percent Volatility: Negligible
Evaporation Rate (Ether=1): 0.001
Solubility in Water: Negligible

3. INGREDIENTS

Material/Components	CAS#	CAS Name	TLV Units	
Approximately % Asphalt-rubber binder with various dry fillers			TLV (for raw materials alone)	100% by wt.
Aluminum and Magnesium silicates	1332-58-7	clay	2 mg/m3 (TWA) if respirable dust	~60% by wt.
PTFE	9002-84-0	polytetrafluoroethylene	400 parts per million as dust	
Rubber process Oil	64742-52-5	naphthenic petroleum distillate	TLV Mist 5 mg, m3 8hr	combined
Asphalt Flux	129893-17-0	asphalt extender		~40% by wt.
SBR latex	9003-55-8	styrene-butadiene rubber		

4. FIRE AND EXPLOSION HAZARD DATA

Flash Point: Above 200° degrees F

Extinguishing Media: Foam, Halon, Dry Chemical CO₂ or water mist/fog.

Special Fire Fighting: Treat as petroleum distillate / asphaltic mixture

Procedures: Avoid breathing fumes. Breathing concentrated PTFE combustion fumes may present cold-like symptoms (aka: poly-fume fever).

Unusual Fire & Explosion Hazards: None

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5. HEALTH HAZARD DATA

Threshold Limit Value: N.A.

Effect of Overexposure:

Inhalator: N.A.

Skin Contact: No known side effects resulting from skin contact have been reported.

Eye Contact: Normal treatment for exposure to mild petroleum distillate.

Ingestion: Normal treatment for exposure to mild petroleum distillate.

Delayed Effects: N.A.

Medical Conditions N.A.

Aggravated by Exposure:

6. FIRST AID MEASURES

Inhalation: N.A.

Skin Contact: Wash with standard hand cleaners. Cleans easily with mineral oil (Baby oil)

Eye Contact: Wash with water. If redness persists seek medical help.

Ingestion: Rinse small quantities from mouth with plenty of water. If discomfort or nausea develops, seek medical help.

7. REACTIVITY DATA

Stability: Stable

Incompatibility: Strong oxidizers
(materials to avoid)

Hazardous Combustion or Decomposition Products: Carbon monoxide, carbon dioxide, and heavy smoke

Hazardous Polymerization: Polymerization will not occur

Conditions to Avoid: Do not incinerate used or waste material. Dispose of in accordance with local, state and federal regulations for ACM.

8. SPILL OR LEAK PROCEDURES

Actions to take for: NA typically used to prevent or stop leaks or spills
Leaks & Spills:

Waste Disposal Method: Land fill

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9. SPECIAL PROTECTION INFORMATION

Respiratory Protection: None unless product is altered / modified and becomes friable.

Eye Protection: None

Skin Protection: Handle the flexible petroleum based caulk with gloves. Wash hands in contact with product with typical hand cleaners. Heavy accumulation cleans easily with mineral oil. (Baby oil)

Other Clothing: None

Other Equipment: None

Engineering Controls: None

10. HANDLING AND STORAGE

Special Precautions:

Handle the flexible petroleum based caulk with gloves. Wash hands in contact with product with typical hand cleaners. Heavy accumulation cleans easily with mineral oil. (Baby oil)

Other Precautions:

11. REGULATORY INFORMATION

Workplace Classification: not hazardous

12. TOXICOLOGICAL INFORMATION

Analysis for toxicological effects has not been conducted.

**Reproductive/
Teratology Data:** Not applicable

13. ECOLOGICAL INFORMATION

Fate in the Environment: Analysis for ecological effects has not been conducted

14. DISPOSAL CONDITIONS

Procedures: Use standard practice for handling and disposal of petroleum distillates to comply with local, state and federal regulatory standards.

15. TRANSPORTATION INFORMATION

DOT Classification: Not regulated by the U.S. Department of Transportation as a hazardous material.

Warning Labels: Mixture contains PTFE. Avoid breathing fumes if burned.