

SPI Supplies Division

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Manufacturer's CAGE: 1P573

Safety Data Sheet

Date Effective: January 6, 2013

**SPI #05108-AB, 05109-AB Crystalbond™ 509-S
Stripper**

Section 1: Identification

Chemical Name/Synonyms.....Crystalbond™ 509-S Stripper

Chemical family.....Mixture

Emergencies

Contacting CHEMTREC:

24 Hour Emergency Use Only #'s...

Worldwide phone: 1-(703)-527-3887

Worldwide FAX: 1-(703)-741-6090

Toll-free phone: 1-(800)-424-9300 USA only

Product or Trade Name.....SPI # 05108-AB, 05109-AB Crystalbond™ 509-S Stripper

CAS #'s.....127-19-5

Chemical Formula.....Not known

Conditions of Use:

Hazardous Material Information System USA

Health.....2

Fire Hazard.....2

Physical Hazard.....0

Personal Protection.....H

NFPA Rating (estimated)

Health.....2

Flammability.....2

Reactivity.....0

Personal Protection.....

GHS Classification

Eye Irritation: Category 2B

Skin Irritation: Category 3

Acute oral toxicity: Category 4

Acute inhalation toxicity: Category 4

Hazard Symbol(s)



Signal Word: Warning

Hazard Statement(s)

H316: Causes mild skin irritation

H320: Causes eye irritation

H335: May cause respiratory irritation

Precautionary Statement(s)

P261: Avoid breathing dust/fume/gas/mist/vapours/spray

P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing

P302+352: IF ON SKIN: Wash with soap and water

Section 2: Composition

Ingredient	CAS #	ACGIH TLV mg/m ³	OSHA PEL (mg/m ³)
Dimethylacetamide	127-19-5	10 ppm (skin)	10 ppm (skin)
Glycol Ether	Not Available		
Surfactant	Not Available		

Section 3: Hazard Identification

Emergency overview: A transparent liquid with slight ammonia odor. May cause moderate eye irritation, dizziness nausea, gastrointestinal tract irritation, and nervous system effects.

Routes of Entry: Contact with eyes and skin, ingestion and inhalation

Physical state: Liquid

Color: Transparent

Odor: Slight ammonia

Potential health effects

Eyes: may cause slight to moderate eye irritation

Skin: May cause slight to moderate irritation. May be harmful if absorbed through the skin

Inhalation: May cause dizziness and nausea

Ingestion: May cause slight to moderate irritation of gastrointestinal tract. May cause central nervous system effects.

Chronic Hazards: Repeated or prolonged exposure may cause kidney and liver damage. Not listed on NTP, IARC or OSHA as carcinogenic

Section 4: First Aid Measures

Eye contact: Hold eyelids and flush with a steady, gentle stream of water for at least 15 minutes. Seek immediate medical attention, preferably with an ophthalmologist. If physician is not immediately available, eye irrigation should be continued for an additional 15 minutes.

Skin: Immediately wipe off excess material off skin with dry cloth then wash with plenty of soap and water for at least 15 minutes. Seek medical attention if irritation develops or persists. Remove contaminated clothing and shoes and clean thoroughly before re-use.

Inhalation: Remove from immediate source of exposure and assure that victim is breathing. If not breathing, administer cardio-pulmonary resuscitation (CPR). If breathing is difficult, administer oxygen if available. Seek medical attention.

Ingestion: If swallowed, do not induce vomiting. If victim is conscious and alert, give 1-2 glasses of water to drink. Do not give anything by mouth to an unconscious person. Seek medical attention immediately. Do not leave victim unattended. To prevent aspiration of swallowed product, lay victim on side with head lower than waist. Vomiting may occur spontaneously. If vomiting occurs and the victim is conscious, give water to further dilute the chemical.

Medical conditions possibly aggravated by exposure: Inhalation of product may aggravate existing chronic respiratory problems such as asthma, emphysema or bronchitis. Skin contact may aggravate existing skin diseases.

Section 5: Fire Fighting Measures

Flash Point: >160 F (230 C) Closed Cup

Auto-ignition Temperature: Not determined

Flammable Limits: Not determined

Upper Flame Limit (volume % in air): 11.5 at 160 C (Dimethylacetamide)

Upper Flame Limit (volume % in air) 1.8 at 100 C (Dimethylacetamide)

Extinguishing Media: Use dry chemical foam, carbon dioxide, or water spray

Special Fire Fighting Procedures: Firefighters should wear NIOSH/MSHA approved positive pressure breathing apparatus with full face-piece and full chemical resistant protective clothing. Dike area to prevent runoff and contamination of water sources. Dispose of fire control water later.

Unusual Fire and Explosion Hazards: Vapors can travel along surfaces to distant ignition sources and flash back. Vapors can spread along ground and collect in low confine areas. As with any organic material, contact with strong oxidizers may cause fire or explosion.

Section 6: Accidental Release Measures

Personal precautions: Wear chemical goggles, body-covering protective clothing, chemical resistant gloves, and rubber boots. Use NIOSH approved respirator where mist occurs.

Spills: Ventilate area. Remove sources of ignition. Isolate hazard area. Absorb spill with inert material (e.g. vermiculite, sand, earth or non-combustible absorbent material) and place in chemical waste container. Rinse the spill area with water. Prevent entry into sewers and waterways.

Section 7: Handling and Storage

Handling: Keep away from heat, sparks, and flames. Keep container tightly closed when not in use. Avoid contact with skin, eyes and on clothing. Avoid breathing vapor or mist. Remove contaminated clothing and wash thoroughly after handling. Promptly clean residue from closures with cloth dampened with water. Promptly clean up spills.

Storage: Keep away from sources of ignition. Store in an area that is cool, dry and well ventilated. Store in clean plastic containers. Residual vapors might explode on ignition; do not apply heat, cut, drill, and grind or weld on or near this container.

Section 8: Exposure Controls and Personal Protection

Engineering Controls: use with adequate ventilation. Keep containers closed. Safety shower and eyewash fountain should be within direct access.

Respiratory Protection: Airborne concentrations should be kept to lowest levels possible. If vapor or mist is generated appropriate personal protection equipment and local ventilation controls must be employed. If exposure limits are exceeded and local ventilation is unavailable, a supplied-air respirator or a self-contained NIOSH-approved dust and mist respirator is required.

Skin Protection: Wear rubber gloves and body-covering protective clothing to prevent skin exposure.

Eye Protection: Wear appropriate safety glasses or chemical splash goggles and face shield where contact due to splashing or spraying is possible.

Section 9: Physical and Chemical Properties

Physical state: Liquid

Color: Transparent

Odor: Slight ammonia

pH: Not Determined

Melting point/Freezing point: - 4 F

Boiling point: 329 F

Specific Gravity, g/cc: 0.96-1.03 @ 68 F

Water Solubility: Soluble

Vapor Pressure: 3.5 @ 77 F

Vapor Density (air=1): 2.5

Evaporation Rates: 0/17 (compared to Butyl Acetate)

Percent Volatiles: 0.00%

Section 10: Stability and Reactivity

Chemical Stability: This material is stable under all conditions of use and storage

Conditions to Avoid: Avoid flame or other sources of ignition and incompatibles.

Materials to Avoid: Strong acids, strong oxidizers, strong reducing agents.

Hazardous Decomposition Products: Burning may produce nitrogen oxides, carbon monoxide, carbon dioxide, and dimethylamine.

Hazardous polymerization: Will not occur

Section 11: Toxicological Information

Toxicity Data: Dimethylacetamide:

LD50 (oral rat):	4300 mg/kg
LD50 (dermal rabbit):	2200 mg/kg
LD50 (inhalation rat)	8.81 mg/L/ 1 hr

Chronic Toxicity Data: Not available

Other Data: Reproductive effects have been reported in laboratory animals

Section 12: Ecological Information

Aquatic Toxicity: LD50 (fathead-minnow) 1.5 g/L/ 96 hr

Mobility: Not Determined

Persistence and Biodegradability: Not Determined

Potential to Bioaccumulate: Not Determined

Section 13: Disposal Considerations

Disposal Method: Dispose in accordance with federal, state and local regulations and permits

Section 14: Transport Information

DOT UN Status: The material is not regulated hazardous material for transportation

Section 15: Regulatory Information

United States Federal Regulations

TSCA: All ingredients of this material are listed on the ATSCA inventory.

CERCLA: No CERCLA reportable quantity has been established for this material

SARA Title III

Sections 302, 304 313: This product does not contain any substances reportable under these sections

Sections 311, 312:

Hazard Classes

Fire Hazard	No
Reactivity Hazard	No
Pressure Hazard	No
Immediate Hazard	Yes
Delayed Hazard	No

International Inventory

Canada (DSL)	Yes
Europe (EINECS/ELINCS)	Yes
Australia (AICS)	Yes
Japan (MITI)	Yes
South Korea (KECL)	Yes

Risk Phrases:

R 36/37/38: Irritating to eyes, respiratory system and skin [Xi]

Safety Phrases:

S45: In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible)

Section 16: Other Information**Disclaimer of Liability:**

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