

Material Safety Data Sheet

ITW Consumer - Devcon/Versachem

1 of 5

MUFFLER CAST BANDAGE KIT - PART A

This product appears in the following stock number(s):
00155

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Tradename: MUFFLER CAST BANDAGE KIT - PART A

General use: The following information pertains to the bandage portion of a two-part kit

Chemical family: Calcium sulfate and vinyl acrylic binder

MANUFACTURER

ITW Consumer - Devcon/Versachem
2107 West Blue Heron Blvd.
Riviera Beach, Florida 33404

EMERGENCY INFORMATION

Emergency telephone number
(CHEMTEL): (800) 255-3924
(CHEMTEL International): (+01) 813-248-0585
Other Calls: (561) 845-2425

2. COMPOSITION/INFORMATION ON INGREDIENTS

Component	Abbr.	Weight%	ACGIH; TLV-TWA	OSHA PEL:	Other Limits
CALCIUM SULFATE 7778-18-9	n/e	40-60		15 mg/m ³ (total dust); 5 mg/m ³ (respirable)	10 mg/m ³ (total dust); 5 mg/m ³ (respirable) NIOSH
ETHYLENE GLYCOL 107-21-1	n/e	0.5-2.0	100 mg/m ³ ceiling (aerosol only) ACGIH	50 ppm ceiling; 125 mg/m ³ ceiling	n/e
TRADE SECRET (Non-hazardous) MIXTURE	n/e	Balance		n/e	n/e

"TLV" means the Threshold Limit Value exposure (eight-hour, time-weighted average, unless otherwise noted) established by the American Conference of Governmental Industrial Hygienists. "STEL" indicates a short-term exposure limit. "PEL" indicates the OSHA Permissible Exposure Limit. "n/e" indicates that no exposure limit has been established. An asterisk (*) indicates a substance whose identify is a trade secret of our supplier and unknown to us.

3. HAZARDOUS IDENTIFICATION

Emergency Overview

Appearance, form, odor: White fabric with little odor

CAUTION! Eye and skin irritant. May be harmful if swallowed.

Potential health effects

Primary Routes of Exposure: Eye, skin, ingestion

Symptoms of acute overexposure

Skin: Will cause irritation on continued contact.

Eyes: May cause severe eye irritation. Corneal injury may result.

Inhalation: Excessive inhalation causes headache, dizziness, nausea and incoordination.

Ingestion: May cause severe irritation and possible tissue destruction to mucous membranes of the throat, esophagus and stomach.

Effects of Chronic Exposure: Causes burns of the mouth, throat and stomach.

Component	Weight%	NTP	ACGIH Carcinogens	IARC
ETHYLENE GLYCOL 107-21-1	0.5-2.0	male mice-no evidence; female mice-no evidence	A4 - not classifiable as a human carcinogen (aerosol)	

Medical Conditions Recognized as Being Aggravated by Exposure:

Preexisting eye, skin and respiratory disorders may be aggravated by overexposure to this product.

4. FIRST AID MEASURES

Eye Contact: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

Skin Contact: Wash with soap and water. Seek medical attention if irritation persists.

Inhalation: If inhaled, remove from area to fresh air. Get medical attention if respiratory irritation develops or if breathing becomes difficult

Ingestion: Do not induce vomiting. Slowly dilute with 1-2 glasses of water or milk and seek medical attention. Never give anything by mouth to an unconscious person

5. FIRE FIGHTING MEASURES

Recommended Extinguishing Media: Water, Carbon dioxide, Dry chemical, foam

Flash point: n/d

Method: N/A

Lower Explosive Limit: n/d

Upper Explosive Limit: n/d

Special Fire-Fighting Procedures: Firefighters should wear self-contained breathing apparatus and protective clothing to prevent all skin and eye contact.

Unusual Fire/Explosion Hazards:
None.

Hazardous Products of Combustion:
Oxides of carbon, Oxides of sulfur

6. ACCIDENTAL RELEASE MEASURES

Spill Control: Avoid personal contact.

Containment: N/A

Cleanup: Shovel or sweep up for re-use or disposal.

Special procedures: None.

7. HANDLING AND STORAGE

Handling precautions: Avoid contact with the skin and the eyes. Provide appropriate ventilation/respiratory protection against decomposition products (see Section 10) during welding/flame cutting operations and to protect against dust during sanding/grinding of cured product.

Storage: Store in a cool, dry area. Wetting of material will cause it to harden and will not adhere properly.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering controls:

Ventilation:

General ventilation is usually adequate.

Other engineering controls: Eye wash station.

Personal protective equipment

Eye and face protection: Safety glasses with side shields

Skin protection: Rubber gloves.

Respiratory protection: With good ventilation, none required.

9. PHYSICAL AND CHEMICAL PROPERTIES

Specific Gravity: 2.4

Boiling Point: n/a

Melting point: n/d

Vapor Density (Air=1): >1

Vapor Pressure: <1 @ 77°F

Evaporation Rate: <1 (butyl acetate = 1)

VOC: 0

Solubility in water: Nil

pH (5% solution or slurry in water): n/a

10. STABILITY AND REACTIVITY

This material is chemically stable. Hazardous polymerization will not occur.

Conditions to Avoid: None to mention.

Incompatibilities: Acids

Hazardous Products of Combustion: Oxides of carbon, Oxides of sulfur

Conditions under which hazardous polymerization may occur: None known.

11. TOXICOLOGICAL INFORMATION

Eye Contact: No data available.

Subchronic effects: No data available.

Carcinogenicity, teratogenicity and mutagenicity: No data available.

Other chronic effects: None known.

Toxicological information on hazardous chemical constituents of this product:

Component	Oral LD50 (rat)	Dermal LD50 (rabbit)	Inhalation LC50 4hr (rat)
CALCIUM SULFATE 7778-18-9	rat >3000 mg/kg	n/d	n/d
ETHYLENE GLYCOL 107-21-1	4700 mg/kg	9530 uL/kg	n/d
TRADE SECRET (Non-hazardous) MIXTURE	n/d	n/d	n/d

'n/d' = not determined

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12. ECOLOGICAL INFORMATION

Ecotoxicity: No data available.

Mobility and persistence: No data available.

Environmental fate: No data available.

13. DISPOSAL CONSIDERATIONS

Please see also Section 15, Regulatory Information.

Recommended Method of Disposal: If material becomes a waste, it would not be a hazardous waste by RCRA criteria (40CFR 261). Dispose of according to applicable federal, state and local regulations.

US EPA Waste Number: NH - Not a RCRA Hazardous Waste Material.

14. TRANSPORT INFORMATION

Proper shipping name: Not regulated

Technical name: N/A

Hazard class: N/A

UN/ID Number: N/A

Packing group: N/A

Emergency Response Guide no: N/A

15. REGULATORY INFORMATION

U.S. Federal Regulations

TSCA:

All ingredients of this product are listed or are exempt from listing on the TSCA Inventory.

The following RCRA code(s) applies to this material if it becomes waste:

None

Regulatory status of hazardous chemical constituents of this product:

Component	Extremely Hazardous*	Toxic Chemical**	CERCLA RQ (lbs)	12B EXPORT NOTIFICATION:
CALCIUM SULFATE 7778-18-9	No	No	0.0	Not required
ETHYLENE GLYCOL 107-21-1	No	Yes	5000 lbs (2270 kg)	Required
TRADE SECRET (Non-hazardous) MIXTURE	No	No	0.0	Not required

*Consult the appropriate regulations for emergency planning and release reporting requirements for substances on the SARA Section 301 Extremely Hazardous Substance List.

**Substances for which the "Toxic Chemical" column is marked "Yes" are on the SARA Section 313 list of Toxic Chemicals, for which release reporting may be required. For specific requirements, consult the appropriate regulations.

For purposes of SARA Section 312 hazardous materials inventory reporting, the following hazard classes apply to this material: Immediate health hazard, Delayed health hazard

California regulations: For purposes of the California Safe Drinking Water and Toxic Enforcement Act of 1986 (Prop 65), this product does not contain any chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

Canadian Regulations

WHMIS Hazard Class: D2B TOXIC MATERIALS

16. OTHER INFORMATION

Hazardous Material Information System (HMIS) rating:

Health 1 Flammability 1 Physical Hazard 0

HMIS is a registered trademark of the National Paint and Coatings Assn.

Revision Date: August/13/2008

Revision Number: 5

The information and recommendations in this document are based on the best information available to us at the time of preparation, but we make no other warranty, express or implied, as to its correctness or completeness, or as to the results of reliance on this document.

Material Safety Data Sheet

ITW Consumer - Devcon/Versachem

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MUFFLER CAST BANDAGE KIT - PART B

This product appears in the following stock number(s):
00155

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Tradename: MUFFLER CAST BANDAGE KIT - PART B

General use: Th following information pertains to the adhesive applied to bandage

Chemical family: Non-hazardous adhesive

MANUFACTURER

ITW Consumer - Devcon/Versachem
2107 West Blue Heron Blvd.
Riviera Beach, Florida 33404

EMERGENCY INFORMATION

Emergency telephone number
(CHEMTEL): (800) 255-3924
(CHEMTEL International): (+01) 813-248-0585
Other Calls: (561) 845-2425

2. COMPOSITION/INFORMATION ON INGREDIENTS

Component	Abbr.	Weight%	ACGIH; TLV-TWA	OSHA PEL:	Other Limits
TRADE SECRET (Non-hazardous) MIXTURE	n/e	100		n/e	n/e

"TLV" means the Threshold Limit Value exposure (eight-hour, time-weighted average, unless otherwise noted) established by the American Conference of Governmental Industrial Hygienists. "STEL" indicates a short-term exposure limit. "PEL" indicates the OSHA Permissible Exposure Limit. "n/e" indicates that no exposure limit has been established. An asterisk (*) indicates a substance whose identify is a trade secret of our supplier and unknown to us.

3. HAZARDOUS IDENTIFICATION

Emergency Overview

Appearance, form, odor: liquid with mild ammonia odor

CAUTION!. Eye and skin irritant.

Potential health effects

Primary Routes of Exposure: Eye, skin, ingestion

Symptoms of acute overexposure

Skin: Will cause irritation on continued contact.

Eyes: Causes mild eye irritation

Inhalation: May cause mild respiratory irritation.

Ingestion: May cause irritation of the mouth, throat and stomach..

Effects of Chronic Exposure: None known.

Medical Conditions Recognized as Being Aggravated by Exposure:

Preexisting eye, skin and respiratory disorders may be aggravated by overexposure to this product.

4. FIRST AID MEASURES

Eye Contact: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

Skin Contact: Wash with soap and water. Seek medical attention if irritation persists.

Inhalation: If inhaled, remove from area to fresh air. Get medical attention if respiratory irritation develops or if breathing becomes difficult

Ingestion: Do not induce vomiting. Slowly dilute with 1-2 glasses of water or milk and seek medical attention. Never give anything by mouth to an unconscious person

5. FIRE FIGHTING MEASURES

Recommended Extinguishing Media: Water, Carbon dioxide, Dry chemical, foam

Flash point: None

Method: Estimate

Lower Explosive

Upper Explosive

Limit: n/d

Limit: n/d

Special Fire-Fighting Procedures: Firefighters should wear self-contained breathing apparatus and protective clothing to prevent all skin and eye contact.

Unusual Fire/Explosion Hazards:

None.

Hazardous Products of Combustion:

Oxides of carbon, Oxides of nitrogen

6. ACCIDENTAL RELEASE MEASURES

Spill Control: Avoid personal contact.

Containment: N/A

Cleanup: Shovel or sweep up for re-use or disposal.

Special procedures: None.

7. HANDLING AND STORAGE

Handling precautions: Avoid contact with the skin and the eyes. Wash thoroughly after handling.

Storage: Store in a cool, dry area.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering controls:

Ventilation:

General ventilation is usually adequate.

Other engineering controls: Eye wash station.

Personal protective equipment

Eye and face protection: Safety glasses

Skin protection: Rubber gloves.

Respiratory protection: With good ventilation, none required.

9. PHYSICAL AND CHEMICAL PROPERTIES

Specific Gravity: 1.05

Boiling Point: 100°C (212°F)

Melting point: n/d

Vapor Density (Air=1): >1

Vapor Pressure: <1 @ 77°F

Evaporation Rate: <1 (butyl acetate = 1)

VOC: 0

Solubility in water: Dispersible

pH (5% solution or slurry in water): n/a

10. STABILITY AND REACTIVITY

This material is chemically stable. Hazardous polymerization will not occur.

Conditions to Avoid: None.

Incompatibilities: Strong oxidizers

Hazardous Products of Combustion: Oxides of carbon, Oxides of nitrogen

Conditions under which hazardous polymerization may occur: None.

11. TOXICOLOGICAL INFORMATION

Eye Contact: No data available.

Subchronic effects: No data available.

Carcinogenicity, tertogenicity and mutagenicity: No data available.

Other chronic effects: None known.

Toxicological information on hazardous chemical constituents of this product:

Component	Oral LD50 (rat)	Dermal LD50 (rabbit)	Inhalation LC50 4hr (rat)
TRADE SECRET (Non-hazardous) MIXTURE	n/d	n/d	n/d

'n/d' = not determined

12. ECOLOGICAL INFORMATION

Ecotoxicity: No data available.

Mobility and persistence: No data available.

Environmental fate: No data available.

13. DISPOSAL CONSIDERATIONS

Please see also Section 15, Regulatory Information.

Recommended Method of Disposal: If material becomes a waste, it would not be a hazardous waste by RCRA criteria (40CFR 261). Dispose of according to applicable federal, state and local regulations.

US EPA Waste Number: NH - Not a RCRA Hazardous Waste Material.

14. TRANSPORT INFORMATION

Proper shipping name: Not regulated

Technical name: N/A

Hazard class: N/A

UN/ID Number: N/A

Packing group: N/A

Emergency Response Guide no: N/A

15. REGULATORY INFORMATION

U.S. Federal Regulations

TSCA:

All ingredients of this product are listed or are exempt from listing on the TSCA Inventory.

The following RCRA code(s) applies to this material if it becomes waste:

None

Regulatory status of hazardous chemical constituents of this product:

Component	Extremely Hazardous*	Toxic Chemical**	CERCLA RQ (lbs)	12B EXPORT NOTIFICATION:
TRADE SECRET (Non-hazardous) MIXTURE	No	No	0.0	Not required

*Consult the appropriate regulations for emergency planning and release reporting requirements for substances on the SARA Section 301 Extremely Hazardous Substance List.

**Substances for which the "Toxic Chemical" column is marked "Yes" are on the SARA Section 313 list of Toxic Chemicals, for which release reporting may be required. For specific requirements, consult the appropriate regulations.

For purposes of SARA Section 312 hazardous materials inventory reporting, the following hazard classes apply to this material: Immediate health hazard, Delayed health hazard

California regulations: For purposes of the California Safe Drinking Water and Toxic Enforcement Act of 1986 (Prop 65), this product does not contain any chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

Canadian Regulations

WHMIS Hazard Class: Non-controlled

16. OTHER INFORMATION

Hazardous Material Information System (HMIS) rating:

Health 1 Flammability 0 Physical Hazard 0

HMIS is a registered trademark of the National Paint and Coatings Assn.

Revision Date: August/13/2008

Revision Number: 5

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