

SAFETY DATA SHEET**1. Identification**

Product Name: Semi Paste 1700 Stripper
Product Code: B1430
SDS Date: 10/25/2017
Use: Industrial

Express Chem LLC; Mast-Away Mastic Removers
600 West Woodbine Avenue
Kirkwood, MO 63122
masticremover.com

General Information: 314-266-4600; Toll-Free: 844-266-4600
CHEMTREC: 800-424-9300 Ref. Chemisphere

2. Hazard(s) identification**GHSClassification**

Flammable liquids, (Category 3)
Skin irritation (Category 2)
Eye irritation (Category 2A)
Carcinogenicity (Category 2)
Specific target organ toxicity - single exposure (Category 3)
Specific target organ toxicity - repeated exposure (Category 2)
Specific target organ toxicity - single exposure (Category 1)
Acute toxicity, Oral (Category 4)
Acute toxicity, Inhalation (Category 4)
Acute toxicity, Dermal (Category 4)
Reproductive toxicity (Category 2)

Pictogram

Signalword Danger

HazardStatement

Flammable liquid and vapor
Causes skin and serious eye irritation
Suspected of causing cancer
Causes damage to organs.
May cause respiratory irritation.
May cause drowsiness or dizziness.
May cause damage to organs through prolonged or repeated exposure.
Harmful if swallowed.
Harmful in contact with skin.
Harmful if inhaled.
Suspected of damaging fertility or the unborn child

Precautionary

Keep away from heat/sparks/open flames/hot surfaces. No smoking. Keep container tightly closed. Ground/Bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Wash hands thoroughly after handling. Wear protective gloves/ protective clothing/ eye protection/ face protection. Do not handle until all safety precautions have been read and understood. Obtain special instructions before use. Do not breathe mist/ vapors/ spray. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. IF ON SKIN (or hair): Take off immediately all contaminated clothing and wash before reuse. Wash skin with plenty of water/shower. Get medical advice/ attention if you feel unwell. Take off contaminated clothing and wash it before reuse. In case of fire: consider carbon dioxide, dry chemical powder, dry sand, limestone powder, or alcohol resistant foam to extinguish. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/ attention. IF exposed or concerned: Get medical advice/ attention. If skin irritation occurs: Get medical advice/ attention. If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center/ doctor if you feel unwell. If swallowed: Call a poison center/ doctor if you feel unwell. Rinse mouth. Store in a well-ventilated place. Keep cool. Keep container tightly closed. Store locked up. Dispose of contents/ container to an approved waste disposal plant.

Hazards not otherwise classified: Not available

3. Composition/information on ingredients

Name	CAS	Concentration
Benzenesulfonic acid, dodecyl-, branched, with 2-propanamine	90194-54-0	<3
Monoethanolamine	141-43-5	<2
Methylene Chloride	75-09-2	70-100
Toluene	108-88-3	1-10
Methanol	67-56-1	1-10

4. First-aid measures

General Advice	Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.
If Inhaled	If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
In Case of Skin Contact	Wash off with soap and plenty of water. Consult a physician.
In Case of Eye Contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
If Swallowed	Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

Indications of any immediate medical attention and special treatment needed

No data available

5. Fire-fighting measures

Extinguishing Media	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Special Hazards	Carbon oxides, Hydrogen chloride gas
Advice for firefighters	Wear self-contained breathing apparatus for firefighting if necessary.
Further Information	No data available

6. Accidental release measures

Personal precautions, protective equipment, and emergency procedures

Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas.

Environmental precautions Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

Methods and materials for containment and cleaning up

Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

7. Handling and storage

Safe Handling Avoid contact with skin and eyes. Avoid inhalation of vapor or mist. Keep away from heat, sparks and open flame. "Empty" containers retain product residue (liquid and/or vapor) that can be dangerous. Do NOT pressurize, cut, weld, braze, solder, drill, grind or expose such containers to heat, flame, sparks, static electricity or other sources of ignition due to explosion or fire hazard. Empty drums should be completely drained and properly bunged and promptly returned to a reconditioner or other proper disposal.

Safe Storage Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

8. Exposure controls/personal protection

Name	CAS		
Benzenesulfonic acid, dodecyl-, branched, with 2-prop	90194-54-0		
OSHA TWA	OSHA STEL	ACGIH TWA	ACGIH STEL
No data available	No data available	No data available	No data available
Monoethanolamine	141-43-5		
OSHA TWA	OSHA STEL	ACGIH TWA	ACGIH STEL
3 ppm	6 ppm	3 ppm	6 ppm
Methylene Chloride	75-09-2		
OSHA TWA	OSHA STEL	ACGIH TWA	ACGIH STEL
25 ppm	125 ppm	50 ppm	Not Available

Toluene		108-88-3	
OSHA TWA	OSHA STEL	ACGIH TWA	ACGIH STEL
100 ppm	150 ppm	20 ppm	Not Available
Methanol		67-56-1	
OSHA TWA	OSHA STEL	ACGIH TWA	ACGIH STEL
200 ppm	Not Available	200 ppm	250 ppm

Engineering Control	Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.
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 fluorinated rubber 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	Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.
Respiratory Protection	Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multipurpose combination (US) or type AXBEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of Environmental Exposure

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.
--

9. Physical and chemical properties

Appearance	Methylene Chloride	Liquid
Odor	Methylene Chloride	No data available
Odor Threshold	Methylene Chloride	No data available
pH	Methylene Chloride	No data available
Melting/Freezing Point	Methylene Chloride	-97.0 °C (-142.6 °F)
Initial Boiling Point/Range	Methylene Chloride	40.0 °C (104.0 °F)
Flash Point	Methylene Chloride	No flash point as defined by method. (Flash point may appear and drop as methylene chloride evaporates)
Evaporation Rate	Methylene Chloride	0.71
Flammability	Methylene Chloride	No data available

Upper Explosion Limit	Methylene Chloride	19%
Lower Explosion Limit	Methylene Chloride	12%
Vapor Pressure	Methylene Chloride	470.9 hPa (353.2 mmHg) at 20.0 °C (68.0 °F)
Vapor Density	Methylene Chloride	2.93 - (Air = 1.0)
Relative Density	Methylene Chloride	1.32 g/cm ³
Water Solubility	Methylene Chloride	slightly soluble
Partition Coefficient	Methylene Chloride	log Pow: 1.25
Auto Ignition Temperature	Methylene Chloride	556.1 °C (1,033.0 °F) 662.0 °C (1,223.6 °F)
Decomposition Temperature	Methylene Chloride	No data available
Viscosity	Methylene Chloride	No data available

10. Stability and reactivity

Reactivity	No data available
Chemical Stability	Stable under recommended storage conditions.
Possibility of Hazardous Reactions	No data available
Conditions to Avoid	Heat, flames and sparks. Exposure to sunlight.
Incompatible materials	Alkali metals, Aluminum, Strong oxidizing agents, Bases, Amines, Magnesium, Strong acids and strong bases, Vinyl compounds
Hazardous Decomposition Products	No data available

11. Toxicological information

Name	CAS
Benzenesulfonic acid, dodecyl-, branched, with 2-propa	90194-54-0
LD50 Oral Rat: > 2,000 mg/kg	
Inhalation: No data available	
Dermal: No data available	
Skin corrosion/irritation Result: Irritating to skin.	
Serious eye damage/eye irritation Result: Risk of serious damage to eyes.	
Respiratory or skin sensitization No data available	
Germ cell mutagenicity No data available	
Carcinogenicity Not identified as probable, possible or confirmed human carcinogen by IARC, NTP, or OSHA	
Reproductive No data available	
Additional information May be fatal if swallowed and enters airways.	

Name	CAS
Monoethanolamine	141-43-5
LD50 Oral - Rat - 1,720 mg/kg	
No data available	
LD50 Dermal - Rabbit - 1,015 mg/kg	
Skin corrosion/irritation No data available	
Serious eye damage/eye irritation Result: Severe eye irritation	
Respiratory or skin sensitization No data available	
Germ cell mutagenicity No data available	
Carcinogenicity Not identified as probable, possible or confirmed human carcinogen by IARC, NTP, or OSHA	
Reproductive No data available	
Additional information Liver - Irregularities - Based on Human Evidence	

Name	CAS
Methylene Chloride	75-09-2
LD50 Oral - Rat - > 2,000 mg/kg	
LC50 Inhalation - Rat - 52,000 mg/m3	
LD50 Dermal - Rat - > 2,000 mg/kg	
Skin corrosion/irritation Result: Irritating to skin. - 24 h	
Serious eye damage/eye irritation Result: Irritating to eyes. - 24 h	
Respiratory or skin sensitization No data available	
Germ cell mutagenicity Rat DNA damage	
Carcinogenicity IARC: 2B - Group 2B: Possibly carcinogenic to humans (Methylene chloride) NTP: Reasonably anticipated to be a human carcinogen (Methylene chloride) OSHA: OSHA specifically regulated carcinogen (Methylene chloride)	
Reproductive No data available	
Additional information Dichloromethane is metabolized in the body producing carbon monoxide which increases and sustains carboxyhemoglobin levels in the blood, reducing the oxygen-carrying capacity of the blood., Acts as a simple asphyxiant by displacing air., anesthetic effects, Difficulty in breathing, Headache, Dizziness, Prolonged or repeated contact with skin may cause:, defatting, Dermatitis, Contact with eyes can cause:, Redness, Blurred vision, Provokes tears., Effects due to ingestion may include:, Gastrointestinal discomfort, Central nervous system depression, Paresthesia., Drowsiness, Convulsions, Conjunctivitis., Pulmonary edema. Effects may be delayed., Irregular breathing., Stomach/intestinal disorders, Nausea, Vomiting, Increased liver enzymes., Weakness, Heavy or prolonged skin exposure may result in the absorption of harmful amounts of material., Abdominal pain	

Name	CAS
Toluene	108-88-3
LD50 Oral - Rat - > 5,580 mg/kg	
LC50 Inhalation - Rat - 4 h - 12,500 - 28,800 mg/m3	
LD50 Dermal - Rabbit - 12,196 mg/kg	
Skin corrosion/irritation	Result: Skin irritation - 24 h
Serious eye damage/eye irritation	Result: No eye irritation
Respiratory or skin sensitization	No data available
Germ cell mutagenicity	Rat - Liver, DNA damage
Carcinogenicity	IARC: 3 - Group 3: Not classifiable as to its carcinogenicity to humans (Toluene)
Reproductive	Experiments have shown reproductive toxicity effects in male and female laboratory animals.
Additional information	Lung irritation, chest pain, pulmonary edema, Inhalation studies on toluene have demonstrated the development of inflammatory and ulcerous lesions of the penis, prepuce, and scrotum in animals., Central nervous system
Name	CAS
Methanol	67-56-1
LDLO Oral - Human - 143 mg/kg, LD50 Oral - Rat - 1,187 - 2,769 mg/kg	
LC50 Inhalation - Rat - 4 h - 128.2 mg/l, LC50 Inhalation - Rat - 6 h - 87.6 mg/l	
LD50 Dermal - Rabbit - 17,100 mg/kg	
Skin corrosion/irritation	Result: No skin irritation
Serious eye damage/eye irritation	Result: No eye irritation
Respiratory or skin sensitization	Does not cause skin sensitisation.
Germ cell mutagenicity	Result: negative
Carcinogenicity	Not identified as probable, possible or confirmed human carcinogen by IARC, NTP, or OSHA
Reproductive	No data available
Additional information	Methyl alcohol may be fatal or cause blindness if swallowed. Effects due to ingestion may include:, Headache, Dizziness, Drowsiness, metabolic acidosis, Coma, Seizures. Symptoms may be delayed., Damage of the:, Liver, Kidney

12. Ecological information

Name	CAS	Toxicity
Benzenesulfonic acid, dodecy	90194-54-0	LC50: > 1 - 10 mg/l Exposure time: 96 h Species: Fish EC50: > 1 - 10 mg/l Exposure time: 48 h Species: Daphnia EC50: > 1 - 10 mg/l Exposure time: 72 h Species: algea
Monoethanolamine	141-43-5	EC50 - Desmodesmus subspicatus (green algae) - 15 mg/l - 72 h EC50 - Daphnia magna (Water flea) - 65 mg/l - 48 h LC50 - Pimephales promelas (fathead minnow) - 227 mg/l - 96 h
Methylene Chloride	75-09-2	LC50 - Pimephales promelas (fathead minnow) - 193.00 mg/l - 96 h NOEC - Cyprinodon variegatus (sheepshead minnow) - 130 mg/l - 96 h EC50 - Daphnia magna (Water flea) - 1,682.00 mg/l - 48 h
Toluene	108-88-3	LC50 - Oncorhynchus mykiss (rainbow trout) - 7.63 mg/l - 96 h, NOEC - Pimephales promelas (fathead minnow) - 5.44 mg/l - 7 d, EC50 - Daphnia magna (Water flea) - 8.00 mg/l - 24 h, Immobilization EC50 - Daphnia magna (Water flea) - 6 mg/l - 48 h, EC50 - Chlorella vulgaris (Fresh water algae) - 245.00 mg/l - 24 h, EC50 - Pseudokirchneriella subcapitata (green algae) - 10.00 mg/l - 24 h
Methanol	67-56-1	mortality LC50 - Lepomis macrochirus (Bluegill) - 15,400.0 mg/l - 96 h, NOEC - Oryzias latipes - 7,900 mg/l - 200 h, EC50 - Daphnia magna (Water flea) - > 10,000.00 mg/l - 48 h, Growth inhibition EC50 - Scenedesmus capricornutum (fresh water algae) - 22,000.0 mg/l - 96 h

13. Disposal considerations

Dispose of contents/container in accordance with local/regional/national/international regulations.

14. Transport information

Proper Shipping Name	Toxic, Liquids, Organic, n.o.s. (Dichloromethane)
Hazard Class	6.1
Identification Number	UN2810
Packing Group	III
Label	Toxic

15. Regulatory information

Name	CAS
Benzenesulfonic acid, dodecyl-, branched,	90194-54-0
SARA 302/304	No components were identified
SARA 313	No components were identified
CERCLA	No components were identified
SARA 311/312	Acute Health Hazard
PROP 65	No components were identified
This product and/or its components are listed on the Toxic Substances Control Act (TSCA) inventory.	
Name	CAS
Monoethanolamine	141-43-5
SARA 302/304	No components were identified
SARA 313	No components were identified
CERCLA	No components were identified
SARA 311/312	Fire Hazard, Acute Health Hazard, Chronic Health Hazard
PROP 65	No components were identified
This product and/or its components are listed on the Toxic Substances Control Act (TSCA) inventory.	

Name	CAS
Methylene Chloride	75-09-2
SARA 302/304	No components were identified
SARA 313	313
CERCLA	RQ=1000 lbs
SARA 311/312	Acute Health Hazard, Chronic Health Hazard
PROP 65	Cancer Hazard
This product and/or its components are listed on the Toxic Substances Control Act (TSCA) inventory.	
Name	CAS
Toluene	108-88-3
SARA 302/304	No components were identified
SARA 313	313
CERCLA	RQ=1,000 lbs
SARA 311/312	Fire Hazard, Acute Health Hazard, Chronic Health Hazard
PROP 65	Developmental Hazard
This product and/or its components are listed on the Toxic Substances Control Act (TSCA) inventory.	
Name	CAS
Methanol	67-56-1
SARA 302/304	No components were identified
SARA 313	313
CERCLA	RQ=5,000 lbs
SARA 311/312	Fire Hazard, Acute Health Hazard, Chronic Health Hazard
PROP 65	Developmental hazard
This product and/or its components are listed on the Toxic Substances Control Act (TSCA) inventory.	

16. Other information, including date of preparation or last revision

SDS Date: 10/25/2017

Disclaimer:

The information and recommendations contained in the Safety Data Sheet (SDS) are supplied pursuant to 29 CFR 1910.1200 of the Occupational Safety and Health Standards Hazard Communication Rule. The information and recommendations set forth herein are presented in good faith and believed to be correct as of this date hereof. Mast-Away, however, makes no representation as to the completeness or accuracy thereof, and information is supplied upon the express condition that the persons receiving the information will be required to make their own determination as to its suitability for their purposes prior to use. In no event will Mast-Away be responsible for any damages of any nature whatsoever resulting from the use of, reliance upon, or the misuse of this information. User assumes all risk of use, storage and handling of the product in compliance with applicable federal, state and local laws and regulations. NO REPRESENTATIONS OR WARRANTIES, EITHER EXPRESSED OR IMPLIED, OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR OF ANY OTHER NATURE, ARE MADE BY MAST-AWAY HEREUNDER WITH RESPECT TO INFORMATION OR THE PRODUCT TO WHICH THE INFORMATION REFERS. The information as supplied herein is simply to be informative and intended solely to alert the user of the substance which is the subject matter of this SDS. The ultimate compliance with federal, state or local regulations concerning the use of this compound, or compliance with respect to product liability, rests solely upon the purchaser thereof. This information relates to the material designated and may not be valid for such material used in combination with any other materials nor in any process.