



Quick-Set

Safety Data Sheet

Date of issue: February 13, 2019

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product form : Liquid
Trade name : Quick-Set

1.2. Relevant identified uses of the substance or mixture and uses advised against

1.2.1. Relevant identified uses

Industrial/Professional use spec : Industrial
For professional use only
Use of the substance/mixture : Rubberized primer for rolled membranes and hot-applied rubberized asphalt waterproofing.

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Manufacturer/Supplier

Hydrotech Membrane Corporation
10951 Parkway
H1J 1S1 Anjou (Québec) - Canada
T 1-514-353-6000
info@hydrotechmembrane.ca - www.hydrotechmembrane.ca

1.4. Emergency telephone number

Emergency number : Professional Emergency Resource Services (PERS) Domestic/Canada: 1-800-633-8253
International : 1-801-629-0667
POISON CONTROL CENTER (QC 24 hours): 1-800-463-5060

SECTION 2: Hazards identification

2.1. Substance or mixture classification

Classification

OSHA Regulatory Status

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Skin corrosion / irritation : Category 2
Serious eye damage / eye irritation : Category 2A
Reproductive toxicity : Category 2
Specific target organ toxicity (single exposure) : Category 3
Specific target organ toxicity (repeated exposure) : Category 2
Flammable liquids : Category 2

Adverse physicochemical effects, health and environmental effects

No additional information available

2.2. Label elements

Overview of emergency procedures

Danger

Hazard statements
Causes skin irritation
Causes serious eye irritation
Suspected of damaging fertility or the unborn child
May irritate the respiratory tract. May cause drowsiness or dizziness
May cause damage to organs through prolonged or repeated exposure
Highly flammable liquid and vapor

Quick-Set

Safety data sheet



Appearance viscous

Physical state liquid

Odor Aromatic Petroleum distillates

Precautionary statements - Prevention

Obtain instructions before using
Do not handle until you have read and understood all safety precautions
Use required personal protective equipment
Wash face, hands and any exposed skin thoroughly after handling
Use only outdoors or in a well-ventilated area
Do not breathe dust / fume / gas / mist / vapors / spray
Keep away from heat / sparks / open flames / hot surfaces. - No smoking
Keep the container tightly closed
Grounding / equipotential bonding of the container and receiving equipment
Use explosion-proof electrical / ventilating / lighting equipment
Do not use tools that produce sparks
Take precautionary measures against electrostatic discharge
Keep cool

Precautionary statements - Response

IF exposed or suspected exposure: Get medical advice / attention
IF IN EYES: Rinse cautiously with water for several minutes. Remove the lenses contact if the victim is wearing it and can easily be removed. Continue rinsing
If eye irritation persists: Get medical advice
If skin irritation occurs: Get medical advice
IF ON SKIN (or hair): Remove / Take off immediately all contaminated clothing. Rinse with water / Shower
Wash contaminated clothing before reuse
IF INHALED: Remove victim to fresh air and keep at rest in a position where comfortably breathe
In case of fire: Use CO₂, extinguishing powder or foam for extinction

Precautionary Statements - Storage

Store locked up
Store in a well-ventilated place. Keep container tightly closed

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Hazards not otherwise classified (HNOC)

Not applicable

Other Information

May be harmful if swallowed. Toxic to aquatic life with long lasting effects. Toxic to aquatic life.

Unknown acute toxicity

24.7821301% of the mixture consists of ingredient(s) of unknown toxicity

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

Quick-Set

Safety data sheet

Chemical Name	CAS No	Weight-%
Toluene	(CAS No) 108-88-3	60 - 100
Synthetic Polymer Blend *	Proprietary	10 - 30
Polymer Blend *	Proprietary	3 - 7

*The exact percentage (concentration) of composition has been withheld as a trade secret.

SECTION 4: First aid measures

4.1. Description of first aid measures

General advice	: In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible). If symptoms persist, call a physician.
Eye contact	: Keep eye wide open while rinsing. Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. If symptoms persist, call a physician.
Skin contact	: Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. If symptoms persist, call a physician. Wash contaminated clothing before reuse.
Inhalation	: Remove to fresh air. If breathing is irregular or stopped, administer artificial respiration. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. If symptoms persist, call a physician.
Ingestion	: Call a physician or poison control center immediately. Do not induce vomiting without medical advice. Rinse mouth. Never give anything by mouth to an unconscious person.
Self-protection of the first aider	: Remove all sources of ignition. Use personal protective equipment as required.

Most important symptoms and effects, both acute and delayed

Symptoms	May cause redness and tearing of the eyes. May cause skin irritation. Coughing and/ or wheezing. Drowsiness. Dizziness.
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Indication of any immediate medical attention and special treatment needed

Note to physicians	Treat symptomatically.
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SECTION 5: Fire-fighting measures

5.1. Extinguishing media

Suitable extinguishing media	: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Dry chemical, CO ₂ , water spray or regular foam.
Unsuitable extinguishing media	: Do not use a solid water stream as it may scatter and spread fire.

Specific hazards arising from the chemical

Vapors may travel to source of ignition and flash back. Most vapors are heavier than air. They will spread along ground and collect in low or confined areas (sewers, basements, tanks). Thermal decomposition can lead to release of irritating and toxic gases and vapors.

Sensitivity to Mechanical Impact

None.

Sensitivity to Static Discharge

May be ignited by heat, sparks or flames.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions	ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). All equipment used when handling the product must be grounded. Do not touch or walk through spilled material. Stop leak if you can do it without risk.
Other Information	Water spray may reduce vapor; but may not prevent ignition in closed spaces.
For emergency responders	Be aware that gases can spread at ground level (heavier than air) and pay attention to the wind direction. Pay attention to flashback. Remove all sources of ignition. Use personal protective equipment as required.

Quick-Set

Safety data sheet

Environmental precautions

Environmental precautions Prevent entry into waterways, sewers, basements or confined areas.

Methods and material for containment and cleaning up

Methods for containmen A vapor suppressing foam may be used to reduce vapors. Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers.

Methods for cleaning up Use clean non-sparking tools to collect absorbed material. Dike far ahead of liquid spill for later disposal

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling

Advice on safe handling Ensure adequate ventilation, especially in confined areas. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Take precautionary measures against static discharges. Use spark-proof tools and explosion-proof equipment. All equipment used when handling the product must be grounded. Use with local exhaust ventilation. Use personal protective equipment as required. Do not breathe dust/fume/gas/mist/vapors/spray.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep tightly closed in a dry and cool place. Keep in properly labeled containers. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Keep containers tightly closed in a cool, well-ventilated place.

Incompatible materials Strong oxidizing agents. Strong acids. Strong bases.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure Guidelines

Chemical name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Toluene 108-88-3	TWA: 20 ppm	TWA: 200 ppm Ceiling: 300 ppm	IDLH: 500 ppm TWA: 100 ppm TWA: 375 mg/m STEL: 150 ppm STEL: 560 mg/m

NIOSH IDLH Immediately Dangerous to Life or Health

8.2. Exposure controls

Appropriate engineering controls

Engineering Controls Showers
Eyewash stations
Ventilation systems.

Individual protection equipment : Avoid unnecessary exposure. For some operations, additional personal protective equipment (PPE) may be required. Personal protective equipment should be chosen according to the conditions under which this product is handled or used. Protective glasses. Protective clothing. Gloves and respiratory protection.



Hand protection : Gloves for example PVC, nitrile rubber, butyl rubber. PVC resistant gloves (to European standard EN 374 or equivalent).

Eye protection : In case of risk of splashing: chemical goggles or safety glasses. Wear approved safety glasses. Chemical glasses should be compatible with EN166 or equivalent.

Respiratory protection : In case of irritation or exceeding the exposure limits, you must wear a NIOSH / MSHA approved respiratory protection. Positive air-purifying respirators may be required for high concentrations of airborne contaminants. Respiratory protection must be provided in accordance with local regulations.

Protection contre les risques thermiques : Eliminate all sources of ignition, avoid sparks, flames and do not smoke in the hazard area. When handling over the molten material, long-sleeved thermal protective clothing, boots and gloves should be worn. Face mask and eye protection.

Other information : Do not eat, drink or smoke while using.

Quick-Set

Safety data sheet

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid	
Aspect	: Viscous	
Color	: Blue	
Odour	: Odor of aromatic oil	
Olfactory threshold	: No data available	
Property	Values	Remarks • Method
pH	: No data available	
Relative evaporation rate (butyl acetate = 1)	: 0,10-0,15	
Fusion point	: No data available	
Freezing point	: No data available	
Boiling point	: 111°C / 232°F	
Flash point	: 6°C / 43°F	Pensky-Martens Closed Cup Appliance (PMCC)
Evaporation rate	: No data available	
Flammability (solid, gas)	: No data available	
Flammability limits in air	:	
Upper limit		
Flammable:	7,4%	
Lower flammability limit	: 1,4%	
Vapor pressure at 20°C	: 3.8 kPa	
Density of vapor (air = 1)	: 3,1	
Density	: 0,9 – 1,3	
Solubility	: Insoluble in water	
Solubility in other solvents	: No data available	
Coefficient of sharing	: No data available	
Auto-ignition temperature	: 223°C / 433°F	
Decomposition temperature	: No data available	
Kinematic viscosity at 40°C	: > 100 mm ² /s	
Dynamic viscosity	: No data available	
Explosive properties	: Not an explosive	
Oxidising properties	: Not applicable	

9.2. Other information

VOC content : 73-79%

SECTION 10: Stability and reactivity

Reactivity

No data available

Chemical stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Conditions to avoid

Heat, flames and sparks

Incompatible materials

Strong oxidizing agents. Strong acids. Strong bases.

Hazardous Decomposition Products

Thermal decomposition can lead to release of irritating and toxic gases and vapors. Carbon dioxide (CO₂). Carbon monoxide.

SECTION 11: Toxicological information

Information on likely routes of exposure

Product Information	:	
Inhalation	:	May cause irritation of respiratory tract. May cause drowsiness or dizziness.
Eye contact	:	Irritating to eyes
Skin contact	:	Irritating to skin
Ingestion	:	No data available

Quick-Set

Safety data sheet

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Toluene 108-88-3	= 2600 mg/kg (Rat)	= 12000 mg/kg (Rabbit)	= 12.5 mg/L (Rat) 4 h

Information on toxicological effects

Symptoms : Vapors may cause drowsiness and dizziness. Coughing and/ or wheezing. May cause redness and tearing of the eyes. May cause skin irritation.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization : No information available
 Germ cell mutagenicity : No information available
 Carcinogenicity : The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical Name	ACGIH	CIRC	NTP	OSHA
Toluene 108-88-3	-	Group 3	-	-
Polymer Blend	-	Group 3	-	-

ARC (International Agency for Research on Cancer)

Not classifiable as a human carcinogen

Reproductive toxicity : Contains a known or suspected reproductive toxin.
 STOT - single exposure : Target Organs. Respiratory system.
 STOT - repeated exposure : May cause disorder and damage to the. Central nervous system.
 Chronic toxicity : Avoid repeated exposure. May cause adverse liver effects.
 Target Organ Effects : Respiratory system, Eyes, Skin, Central nervous system, kidney, liver.
 Neurological effects : Intentional misuse by deliberately concentrating and inhaling contents may be harmful or fatal
 Aspiration hazard : No information available

Numerical measures of toxicity - Product Information

The following values are calculated based on chapter 3.1 of the GHS document

ATE mix (oral) : 2,615.00 mg/kg
 ATE mix (dermal) : 12,070.00 mg/kg
 ATE mix (inhalation-dust/mist) : 12.57 mg/l

SECTION 12: Ecological information

Ecotoxicity

Harmful to aquatic life with long lasting effects
 24.89106 % of the mixture consists of component(s) of unknown hazards to the aquatic environment.

Persistence and degradability

Not readily biodegradable.

Bioaccumulation

Chemical Name	Partition coefficient
Toluene 108-88-3	2.65

Other adverse effects

No information available.

SECTION 13: Disposal considerations

Waste treatment methods

Disposal of wastes : This material, as supplied, is a hazardous waste according to federal regulations (40 CFR 261). Dispose of in accordance with federal, state and local regulations.
 Contaminated packaging : Disposal should be in accordance with applicable regional, national and local laws and regulations. Do not reuse container.
 US EPA Waste Number : D001 U220

Quick-Set

Safety data sheet

Chemical Name	RCRA - Halogenated Organic Compounds	RCRA - P Series Wastes	RCRA - F Series Wastes	RCRA - K Series Wastes
Toluene 108-88-3			Toxic waste waste number F025 Waste description: Condensed light ends, spent filters and filter aids, and spent desiccant wastes from the production of certain chlorinated aliphatic hydrocarbons, by free radical catalyzed processes. These chlorinated aliphatic hydrocarbons are those having carbon chain lengths ranging from one to and including five, with varying amounts and positions of chlorine substitution.	

This product contains one or more substances that are listed with the State of California as a hazardous waste.

Chemical Name	California Hazardous Waste Status
Toluene 108-88-3	Toxic Ignitable

SECTION 14: Transport information

DOT

UN/ID no	UN1133
Proper shipping name	Adhesives
Hazard Class	3
Packing Group	II
Special Provisions	149, B52, IB2, T4, TP1, TP8
Description	UN1133, Adhesives, 3, II
Emergency Response Guide	128

TDG

UN/ID no	UN1133
Proper shipping name	Adhesives
Hazard Class	3
Packing Group	II
Description	UN1133, Adhesives, 3, II

IATA

UN/ID no	UN1133
Proper shipping name	Adhesives
Hazard Class	3
Packing Group	II
ERG Code	3L
Special Provisions	A3
Description	UN1133, Adhesives, 3, II

IMDG

UN/ID no	UN1133
Proper shipping name	Adhesives
Hazard Class	3
Packing Group	II
EmS-No	F-E, S-D
Description	UN1133, Adhesives, 3, II

Quick-Set

Safety data sheet

SECTION 15: Regulatory information

All components used in this product are on the TSCA Inventory and the Canadian DSL.

International Inventories

TSCA	Complies
DSL/NDSL	Complies
EINECS/ELINCS	Complies
IECSC	Complies
KECL	Complies
PICCS	Complies
AICS	Complies

Legend :

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

Chemical Name	SARA 313 - Threshold Values %
Toluene 108-88-3	1,0

SARA 311/312 Hazard Categories

Acute health hazard	Yes
Chronic Health Hazard	Yes
Fire hazard	Yes
Sudden release of pressure hazard	No
Reactive Hazard	No

CWA (Clean Water Act)

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Toluene 108-88-3	1000 lb	X	X	X

CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

Chemical Name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)
Toluene 108-88-3	1000 lb 1 lb	-	RQ 1000 lb final RQ RQ 454 kg final RQ RQ 1 lb final RQ RQ 0.454 kg final RQ

US State Regulations

California Proposition 65

This product contains the following Proposition 65 chemicals

Chemical Name	California Proposition 65
Toluene 108-88-3	Developmental Female Reproductive

Quick-Set

Safety data sheet

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Toluene 108-88-3	X	X	X

U.S. EPA Label Information

EPA Pesticide Registration Number Not applicable

SECTION 16: Other information, including date of preparation of the last revision

NFPA	Health hazards	2	Flammability	3	Instability	0	Physical and Chemical Properties	-
HMIS	Health hazards	2*	Flammability	3	Physical hazards	0	Personal protection	X

Chronic Hazard Star Legend * = Chronic Health Hazard

Revision / Information preparation

QUICK-SET

This safety data sheet replaces an earlier MSDS Date: 16.01.2016

This information is based on our current knowledge and is intended to describe the product for health, safety and environmental purposes. It should not be interpreted as guaranteeing any specific property of the product.