

WELDABLE PRIMER

Safety Data Sheet

Revision date: 4/27/2022

Version: 1.2

SECTION 1: Identification

1.1. Product identifier

Product form : Mixture
 Product name : Weldable Primer
 Product code : 50-5006
 Other means of identification : Not available
 Product group : Trade product

1.2. Recommended use and restrictions on use

Recommended use : Coatings and paints
 Restriction on use : For industry use only

1.3. Supplier

Manufacturer
 CONSOLIDATED COATINGS
 7651 VANTAGE WAY
 V4G 1A6
 T 604-946-7626
Info@consolidatedcoatings.com

1.4. Emergency telephone number

Emergency number : 1- 613-996-6666

SECTION 2: Hazard identification

2.1. Classification of the substance or mixture

Classification (GHS-CA)

Flammable liquids, Category 2	H225	Highly flammable liquid and vapour.
Aspiration toxicity, Category 1	H304	May be fatal if swallowed and enters airways.
Skin corrosion/irritation, Category 2	H315	Causes skin irritation.
Carcinogenicity, Category 2	H351	Suspected of causing cancer.
Specific target organ toxicity — Repeated exposure, Category 2	H373	May cause damage to organs through prolonged or repeated exposure.

Full text of H statements: see section 16

2.2. GHS Label elements, including precautionary statements

GHS-CA labelling

Hazard pictograms (GHS-CA) :



Signal word (GHS-CA) : Danger

Hazard statements (GHS-CA) :
 H225 - Highly flammable liquid and vapour.
 H304 - May be fatal if swallowed and enters airways.
 H315 - Causes skin irritation.
 H373 - May cause damage to organs through prolonged or repeated exposure.

Precautionary statements :

P201 - Obtain special instructions before use.
P202 - Do not handle until all safety precautions have been read and understood.
P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233 - Keep container tightly closed.
P240 – Ground, bond container and receiving equipment.
P241 - Use explosion-proof electrical, ventilating, lighting equipment.
P242 - Use only non-sparking tools.
P243 - Take action to prevent static discharges.
P260 - Do not breathe vapors, spray mist.
P264 - Wash hands, forearms and face thoroughly after handling.
P280 - Wear protective gloves, protective clothing, eye protection/face protection.
P302+P352 – If on skin: Wash with plenty of soap and water.
P333+P313 - If skin irritation or rash occurs: Get medical attention.
P301+P310 – If swallowed: Immediately call a poison center or doctor.
P304+P340 – If inhaled: Remove person to fresh air.
P305+P351+P338- if in eyes: Rinse cautiously with water for 15 minutes and get medical attention.
P370+P378 - In case of fire: Use media other than water jet to extinguish.
P403+P235 - Store in a well-ventilated place. Keep cool.
P405 - Store locked up.
P501 - Dispose of contents, container to hazardous or special waste collection point, in accordance with local regulation

2.3. Other hazards

No additional information available

2.4. Unknown acute toxicity (GHS-CA)

No data available

SECTION 3: Composition/information on ingredients

Name	Product identifier	% by weight
Xylene	(CAS-No.) 1330-20-7	30 - 40
VM&P Naphtha	(CAS-No.) 64742-89-8	25 - 30
Mineral Spirits	(CAS-No.) 8052-41-3	2 - 5

SECTION 4: First-aid measures

4.1. Description of first aid measures

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact : After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water. If skin irritation occurs: Get medical advice/attention.
First-aid measures after eye contact : In case of contact with eyes, rinse immediately with plenty of water for 15 minutes and get medical attention.
First-aid measures after ingestion : Call a poison center or a doctor, get medical attention.

4.2. Most important symptoms and effects (acute and delayed)

Symptoms/effects : Acute: May cause eye irritation with symptoms of reddening, tearing, stinging and swelling.

4.3. Immediate medical attention and special treatment, if necessary

Other medical advice or treatment : Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Suitable extinguishing media

Suitable extinguishing media : Dry chemical, CO₂, or water spray or regular foam.

5.2. Unsuitable extinguishing media

Unsuitable extinguishing media : Solid water jet ineffective as extinguishing medium.

5.3. Specific hazards arising from the hazardous product

Hazardous decomposition products :	By fire and high heat, carbon monoxide (CO), carbon dioxide (CO ₂) and dense black smoke are formed.
Unusual Fire/Explosion Hazards :	In a fire or if heated, a pressure increase will occur, and the container may burst.

5.4. Special protective equipment and precautions for fire-fighters

Protection during firefighting :	Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.
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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel :	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
For emergency responders :	If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials.

6.2. Methods and materials for containment and cleaning up

For containment :	Absorb spilled material with sand or earth.
Methods for cleaning up :	Absorb remaining liquid with sand or inert absorbent and remove to safe place.
Other information :	Dispose of materials or solid residues at an authorized site.

6.3. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection"

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling :	Do not handle until all safety precautions have been read and understood. Wear personal protective equipment. Ensure good ventilation of the work station. Eliminate all ignition sources if safe to do so. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground/bond container and receiving equipment. Do not breathe vapours. Do not eat, drink or smoke when using this product. Do not get in eyes, on skin, or on clothing. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.
Hygiene measures :	Do not eat, drink or smoke when using this product. Wear personal protective equipment. Separate working clothes from town clothes. Launder separately. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures :	Ensure adequate ventilation, especially in confined areas. Ground/bond container and receiving equipment.
Storage conditions :	Store in a well-ventilated place. Keep container tightly closed. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters		
xylene (1330-20-7)		
USA - ACGIH	TLV TWA	100 ppm
USA - OSHA	PEL TWA	100 ppm
VM&P Naphtha (64742-89-8)		
USA - OSHA	PEL TWA	500 ppm, 2,000 mg/m3
Mineral Spirits (8052-41-3)		
USA - ACGIH	TLV TWA	100 ppm
USA - OSHA	PEL TWA	500 ppm

8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.
 Environmental exposure controls : Avoid release to the environment.

8.3. Individual protection measures/Personal protective equipment

Hand protection:

Appropriate chemical resistance gloves should be worn. Longer term protection- nitrile rubber gloves. Incidental contact, Splash protection- PVC or neoprene rubber gloves.

Eye protection:

When handling liquid product, chemical goggles should be worn, chemical safety goggles in combination with a full face shield if a splash hazard exists.

Skin and body protection:

Skin contact should be prevented using suitable protective clothing, gloves, and footwear. Where risk of splashing or in spillage clean up, use chemical resistant one piece overall with integral hood, chemical/oil resistant clothing.

Respiratory protection:

If exposure exceeds occupational exposure limits, use an appropriate NIOSH approved respirator. In case of spill or leak resulting in unknown concentration, use a NIOSH approved supplied air respirator.

General hygiene considerations:

Don not eat, drink or smoke when using this product. Contaminated work clothing should not be allowed out of the workplace. Regular cleaning of equipment, work area and clothing is recommended. Wash hand before breaks and immediately after handling the product.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	:	Liquid
Appearance	:	Liquid.
Colour	:	Red
Odour	:	aromatic
Odour threshold	:	No data available
pH	:	No data available

Relative evaporation rate (butylacetate=1)	:	No data available
Relative evaporation rate (ether=1)	:	No data available
Melting point	:	No data available
Freezing point	:	No data available
Boiling point	:	No data available
Flash point	:	14°C
Flammability limit in air		
Upper flammability limit	:	7.0%
Lower flammability limit	:	0.9%
Auto-ignition temperature	:	No data available
Decomposition temperature	:	No data available
Flammability (solid, gas)	:	No data available
Vapour pressure	:	No data available
Vapour pressure at 50 °C	:	No data available
Density	:	1.02
Solubility	:	No data available
Viscosity at 25 °C	:	300-600 cps
Partition coefficient n-octanol/water (Log Pow)	:	No data available
Explosive limits	:	No data available

9.2. Other information

VOC content	:	~700 g/l
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SECTION 10: Stability and reactivity

Reactivity	:	The product is non-reactive under normal conditions of use, storage and transport.
Chemical stability	:	Stable under normal conditions.
Possibility of hazardous reactions	:	No dangerous reactions known under normal conditions of use.
Conditions to avoid	:	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Incompatible materials	:	Strong oxidizers.
Hazardous decomposition products	:	No hazardous decomposition products known at room temperature.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Likely routes of exposure:	Skin contact
	Inhalation
	Eye contact

Health effects and symptoms:

Acute: May cause eye irritation with symptoms of reddening, tearing, stinging, and swelling.

xylene (1330-20-7)	
LD50 oral rat	3500 mg/kg
LD50 dermal rabbit	>1700 mg/kg
LC50 inhalation rat	29 mg/l

VM&P Naphtha (64742-89-8)	
LD50 dermal rabbit	3000 mg/kg

Mineral Spirits (8052-41-3)	
LD50 oral rat	>5000 mg/kg
LD50 dermal rabbit	>2000 mg/kg
LC50 inhalation rat	>5 mg/l (4h mist)

Skin corrosion/irritation	:	Causes skin irritation.
Serious eye damage/irritation	:	Not classified
Respiratory or skin sensitization	:	May be fatal if swallowed and enters airways.
Germ cell mutagenicity	:	Not classified
Carcinogenicity	:	Not classified
Reproductive toxicity	:	Not classified

STOT-single exposure : Central nervous system

STOT-repeated exposure : May cause damage to organs through prolonged or repeated exposure. Central nervous system. Peripheral Nervous System (PNS).

SECTION 12: Ecological information**12.1. Toxicity**

xylene (1330-20-7)	
LC50 fish	13-17 mg/l (Oncorhynchus mykiss, 96 h)
LC50 crustaceans	8.5 mg/l (Palaemonetes pugio, marine water, 48h)
EC50 algae	11 mg/l (Pseudokirchneriella subcapitata, 72h)

Mineral Spirits (8052-41-3)	
LC50 fish	45 mg/l (Oncorhynchus mykiss, 96 h)

12.2. Persistence and degradability

xylene (1330-20-7)	
Persistence and degradability	Readily biodegradable in water and soil. Persistence is unlikely.

Mineral Spirits (8052-41-3)	
Persistence and degradability	Biodegradable in water and soil. Persistence is unlikely.

12.3. Bioaccumulative potential

xylene (1330-20-7)	
Bioaccumulative potential	BCF= 8-26. Low potential for bioaccumulation.

12.4. Mobility in soil

xylene (1330-20-7)	
Surface tension	28 – 30 mN/m

Log Pow	3.2
Ecology - soil	Low mobility in soil.

12.5. Other adverse effects

No additional information available

SECTION 13: Disposal considerations


Regional legislation (waste) : Disposal must be done according to official regulations.

SECTION 14: Transport information

14.1. Basic shipping description


In accordance with TDG

Transportation of Dangerous Goods

UN-No.	:	UN1263
Proper Shipping Name	:	PAINT
Packing group	:	III
Hazard labels	:	3 - Flammable liquids 

14.2. Transport information/DOT

Department of Transport

UN-No.	:	UN1263
Proper shipping name	:	Paint
Packing group	:	III - Minor Danger
Hazard labels	:	3 - Flammable liquids 

14.3. Air and sea transport

IMDG

UN-No.	:	1263
Proper Shipping Name	:	Paint
Class	:	3 - Flammable Liquids
Packaging group	:	III – substance presenting low danger

IATA

UN-No.	:	1263
Proper Shipping Name	:	Paint
Class	:	3 - Flammable Liquids
Packaging group	:	III – Minor danger

SECTION 15: Regulatory information

15.1. National regulations

xylene (1330-20-7)
Listed on the Canadian DSL (Domestic Substances List)
VM&P NAPHTHA (64742-89-8)
Listed on the Canadian DSL (Domestic Substances List)
Mineral Spirits (8052-41-3)
Listed on the Canadian DSL (Domestic Substances List)

15.2. International regulations

xylene (1330-20-7)
Listed on the United States TSCA (Toxic Substances Control Act) inventory
VM&P NAPHTHA (64742-89-8)
Listed on the United States TSCA (Toxic Substances Control Act) inventory
Mineral Spirits (8052-41-3)
Listed on the United States TSCA (Toxic Substances Control Act) inventory

SECTION 16: Other information

Date of issue	:	9/11/2016
Revision date	:	4/27/2022

Full text of H-statements:		
	H225	Highly flammable liquid and vapour
	H304	May be fatal if swallowed and enters airways.
	H315	Causes skin irritation.
	H332	Harmful if inhaled.
	H336	May cause drowsiness or dizziness.
	H373	May cause damage to organs through prolonged or repeated exposure.

SDS Canada (GHS)

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