

MAXIMUM™ SLOW HARDENER

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Version: 2.1

DRIVING SURFACE PERFECTION

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May cause damage to organs through prolonged or repeated exposure Precautionary statements (GHS US) : Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container tightly closed. Use only non-sparking tools. Take precautionary measures against static discharge. Do not breathe vapors, spray, fume. Use only outdoors or in a well-ventilated area. Contaminated work clothing must not be allowed out of the workplace. Wear eye protection, protective clothing, protective gloves. [In case of inadequate ventilation] wear Respiratory Protection. If swallowed: Immediately call a doctor.		May damage fertility or the un	oorn child	
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Do inflatible units and safety preclations have been read and understood. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container tightly closed. Use only non-sparking tools. Take precautionary measures against static discharge. Do not breathe vapors, spray, fume. Use only outdoors or in a well-ventilated area. Contaminated work clothing must not be allowed out of the workplace. Wear eye protection, protective clothing, protective gloves. [In case of inadequate ventilation] wear Respiratory Protection. If swallowed: Immediately call a doctor.	Precautionary statements (GHS US)	: Obtain special instructions bef	ore use.	
smoking. Keep container tightly closed. Use only non-sparking tools. Take precautionary measures against static discharge. Do not breathe vapors, spray, fume. Use only outdoors or in a well-ventilated area. Contaminated work clothing must not be allowed out of the workplace. Wear eye protection, protective clothing, protective gloves. [In case of inadequate ventilation] wear Respiratory Protection. If swallowed: Immediately call a doctor.		Keep away from heat hot sur	aces sparks open flames and other ignition sou	irces No
Keep container tightly closed. Use only non-sparking tools. Take precautionary measures against static discharge. Do not breathe vapors, spray, fume. Use only outdoors or in a well-ventilated area. Contaminated work clothing must not be allowed out of the workplace. Wear eye protection, protective clothing, protective gloves. [In case of inadequate ventilation] wear Respiratory Protection. If swallowed: Immediately call a doctor.		smoking.		
Use only non-sparking tools. Take precautionary measures against static discharge. Do not breathe vapors, spray, fume. Use only outdoors or in a well-ventilated area. Contaminated work clothing must not be allowed out of the workplace. Wear eye protection, protective clothing, protective gloves. [In case of inadequate ventilation] wear Respiratory Protection. If swallowed: Immediately call a doctor.		Keep container tightly closed.		
Do not breathe vapors, spray, fume. Use only outdoors or in a well-ventilated area. Contaminated work clothing must not be allowed out of the workplace. Wear eye protection, protective clothing, protective gloves. [In case of inadequate ventilation] wear Respiratory Protection. If swallowed: Immediately call a doctor.		Use only non-sparking tools.	against statis discharge	
Use only outdoors or in a well-ventilated area. Contaminated work clothing must not be allowed out of the workplace. Wear eye protection, protective clothing, protective gloves. [In case of inadequate ventilation] wear Respiratory Protection. If swallowed: Immediately call a doctor.		Do not breathe vapors, sprav	againsi sialio discharge. fume.	
Contaminated work clothing must not be allowed out of the workplace. Wear eye protection, protective clothing, protective gloves. [In case of inadequate ventilation] wear Respiratory Protection. If swallowed: Immediately call a doctor.		Use only outdoors or in a well	ventilated area.	
Wear eye protection, protective clothing, protective gloves. [In case of inadequate ventilation] wear Respiratory Protection. If swallowed: Immediately call a doctor.		Contaminated work clothing m	ust not be allowed out of the workplace.	
If swallowed: Immediately call a doctor.		vvear eye protection, protectiv	e ciotning, protective gloves.	
		If swallowed: Immediately call	a doctor.	
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Do NOT induce vomiting. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. If inhaled: If breathing is difficult, remove person to fresh air and keep comfortable for breathing. If exposed or concerned: Get medical advice/attention. If skin irritation or rash occurs: Get medical advice/attention. If skin irritation or rash occurs: Get medical advice/attention. If experiencing respiratory symptoms: Call a doctor. Wash contaminated clothing before reuse. In case of fire: Use foam, extinguishing powder, dry sand to extinguish. Store in a well-ventilated place. Keep cool. Store locked up. Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

2.3. Other hazards which do not result in classification

No additional information available

2.4. Unknown acute toxicity (GHS US)

Not applicable

SECTION 3: Composition/Information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	GHS US classification
hexamethylene diisocyanate, oligomers	(CAS-No.) 28182-81-2	23 – 43	Acute Tox. 4 (Inhalation), H332 Skin Sens. 1, H317 STOT SE 3, H335
QHAM100 - HAMSOL 100		5 – 23	Flam. Liq. 3, H226 STOT SE 3, H336 STOT SE 3, H335 Asp. Tox. 1, H304 Aquatic Chronic 2, H411
xylene	(CAS-No.) 1330-20-7	< 5	Flam. Liq. 3, H226 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation), H332 Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335 STOT RE 2, H373 Asp. Tox. 1, H304
ethylbenzene	(CAS-No.) 100-41-4	< 5	Flam. Liq. 2, H225 Acute Tox. 4 (Inhalation:vapour), H332 Carc. 2, H351 STOT RE 2, H373 Asp. Tox. 1, H304
hexamethylene-di-isocyanate	(CAS-No.) 822-06-0	< 5	Acute Tox. 4 (Oral), H302 Acute Tox. 3 (Dermal), H311 Acute Tox. 3 (Inhalation), H331 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Resp. Sens. 1, H334 Skin Sens. 1, H317 STOT SE 3, H335
2-methoxypropyl acetate	(CAS-No.) 70657-70-4	< 5	Flam. Liq. 3, H226 Repr. 1B, H360 STOT SE 3, H335

Full text of hazard classes and H-statements : see section 16

SECTION 4: First-aid measures			
4.1. Description of first aid measures			
First-aid measures general	: Call a physician immediately.		
First-aid measures after inhalation	: Remove person to fresh air ar center/doctor/physician if you	d keep comfortable for breathing. Call a poiso eel unwell.	'n
First-aid measures after skin contact	: Rinse skin with water/shower. irritation or rash occurs: Get m	Remove/Take off immediately all contaminate edical advice/attention.	d clothing. If skin
First-aid measures after eye contact	: Rinse eyes with water as a pre	ecaution.	
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First-aid measures after ingestion	: Do not induce vomiting. Call a physician immediately.
4.2. Most important symptoms and effect	as (acute and delayed)
Symptoms/effects after inhalation	: May cause respiratory irritation. May cause an allergy or asthma symptoms or breathing difficulties if inhaled.
Symptoms/effects after skin contact	: May cause an allergic skin reaction.
Symptoms/effects after ingestion	: Risk of lung edema.
4.3. Immediate medical attention and spe	cial treatment, if necessary
Treat symptomatically.	
SECTION 5: Fire-fighting measures	
5.1. Suitable (and unsuitable) extinguish	ing media
Suitable extinguishing media	: Water spray. Dry powder. Foam. Carbon dioxide.
5.2. Specific hazards arising from the ch	emical
Fire hazard	: Flammable liquid and vapor.
Reactivity	: Flammable liquid and vapor.
5.3 Special protective equipment and pr	ecautions for fire-fighters
Protection during firefighting	: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.
SECTION 6: Accidental release meas	ures
6.1. Personal precautions, protective equ	lipment and emergency procedures
6.1.1. For non-emergency personnel	
Emergency procedures	: No open flames, no sparks, and no smoking. Only qualified personnel equipped with suitable
	protective equipment may intervene. Do not breathe vapors, fume.
612 For emergency responders	
Protective equipment	: Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".
6.2. Environmental precautions	
Avoid release to the environment. Notify authoritie	es if product enters sewers or public waters.
6.3. Methods and material for containme	nt and cleaning up
Methods for cleaning up	: Take up liquid spill into absorbent material. Notify authorities if product enters sewers or public waters.
Other information	: Dispose of materials or solid residues at an authorized site.
6.4. Reference to other sections	
For further information refer to section 13.	
SECTION 7: Handling and storage	
7.1. Precautions for safe handling	
Precautions for safe handling	: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Flammable vapors may accumulate in the container. Use explosion-proof equipment. Wear personal protective equipment. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not breathe vapors, fume, spray. Use only outdoors or in a well-ventilated area. Avoid contact with skin and eyes.
Hygiene measures	: Separate working clothes from town clothes. Launder separately. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.
7.2. Conditions for safe storage, includin	g any incompatibilities
Technical measures	: Ground/bond container and receiving equipment.
Storage conditions	: Store in a well-ventilated place. Keep cool. Keep container tightly closed. Store locked up.
SECTION 8: Exposure controls/perso	onal protection
8.1. Control parameters	

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QHAM100 - HAMSOL 100		
Not applicable		
hexamethylene diisocyanat	e, oligomers (28182-81-2)	
Not applicable		
hexamethylene-di-isocyana	te (822-06-0)	
ACGIH	Local name	Hexamethylene diisocyanate
ACGIH	ACGIH TWA (ppm)	0.005 ppm
ACGIH	Remark (ACGIH)	TLV® Basis: URT irr; resp sens. Notations: BEI
ACGIH	Regulatory reference	ACGIH 2019
xylene (1330-20-7)		
ACGIH	Local name	Xylene, mixed isomers (Dimethylbenzene)
ACGIH	ACGIH TWA (ppm)	100 ppm
ACGIH	ACGIH STEL (ppm)	150 ppm
ACGIH	Remark (ACGIH)	TLV® Basis: URT & eye irr; CNS impair. Notations: A4 (Not classifiable as a Human Carcinogen); BEI
ACGIH	Regulatory reference	ACGIH 2019
OSHA	OSHA PEL (TWA) (mg/m³)	435 mg/m³
OSHA	OSHA PEL (TWA) (ppm)	100 ppm
OSHA	Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1
ethylbenzene (100-41-4)		
ACGIH	Local name	Ethylbenzene
ACGIH	ACGIH TWA (ppm)	20 ppm
ACGIH	Remark (ACGIH)	TLV® Basis: URT irr; kidney dam (nephropathy); cochlear impair. Notations: A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans); BEI
ACGIH	Regulatory reference	ACGIH 2019
OSHA	OSHA PEL (TWA) (mg/m³)	435 mg/m ³
OSHA	OSHA PEL (TWA) (ppm)	100 ppm
OSHA	Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1
2-methoxypropyl acetate (70657-70-4)		
Not applicable		

8.2. Appropriate engineering controls

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

8.3. Individual protection measures/Personal protective equipment

Hand protection:

Protective gloves

Туре	Material	Permeation	Thickness (mm)	Permeation
Protective gloves	Nitrile rubber (NBR)	6 (> 480 minutes)	0.35	
Protective gloves	Chloroprene rubber (CR)	6 (> 480 minutes)	0.5	
Protective gloves	butyl rubber	6 (> 480 minutes)	0.5	
Protective gloves	Fluorinated rubber	6 (> 480 minutes)	0.4	

Eye protection:

Safety glasses

Skin and body protection:

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Wear suitable protective clothing

Respiratory protection:

Wear respiratory protection.

Device	Filter type	Condition
Breathing apparatus	Type AX - Low-boiling (<65 °C) organic compounds, Type P2, Particle filter	Short term exposure, Vapour protection, Mist formation
Supplied-Air Respirator (SAR)		Long term exposure, Vapour protection, Mist formation

Personal protective equipment symbol(s):



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% HAPS	: 4.4 wt%		
	: /3.4 wt%		
Exempt Compounds by weight	: U wt%		
Exempt Compounds by volume	: 0 vol %		
Water Content	0 wt%		
As Packaged Actual VOC	: 724 g/l (6.0 lbs/gal)		
As Packaged Regulatory VOC	: 724 g/l (6.0 lbs/gal)		
9.2 Other information			
Oxidizing properties	· No data available		
Explosive properties	· No data available		
Explosion limits	· No data available		
Viscosity, dynamic	: No data available		
Viscosity kinematic	· 6 mm ² /s (11 DIN 4 Seconds)		
Auto-ignition temperature			
Partition coefficient n-octanol/water (Log Pow)	· No data available		
Solubility	· No data available		
Specific gravity / density	• 0.98 a/cm ³		
Relative density			
Relative vapor density at 20 °C	· No data available		
Vanor pressure	 No data available 		
Flammability (solid .gas)	· Not applicable		
Relative evanoration rate (butyl acetate=1)	. No data available		
Flash point	: > 23 °C		
Roiling point	$\sim 136 ^{\circ}\text{C}$		
Freezing point	· No data available		
Melting point	· Not applicable		
nH	· No data available		
Odor threshold	· No data available		
Appearance	: Clear, coloriess liquid.		
Physical state	: Liquid		
	 I South 		

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Porcont Solids	26.63.04%
Percent Solids	· 20.05 wt //
Percent Solids	. 23.09 VUI 70
SECTION 10: Stability and reactivity	
10.1. Reactivity	
Flammable liquid and vapor.	
10.2 Chamical stability	
Stable under normal conditions	
Stable under normal conditions.	
10.3. Possibility of hazardous reactions	
No dangerous reactions known under normal cond	litions of use.
10.4. Conditions to avoid	
Avoid contact with hot surfaces. Heat. No flames,	no sparks. Eliminate all sources of ignition.
10.5. Incompatible materials	
No additional information available	
10.6 Hazardous decomposition products	
Linder normal conditions of storage and use, haza	rdaus decomposition products should not be produced
onder normal conditions of storage and use, flaza	
SECTION 11: Toxicological informatic	on and a second s
11.1. Information on toxicological effects	
Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified
	2502 mg//g (DECD Toot Cuideling 401 ret)
LD50 dormal rabbit	> 2160 mg/kg (OECD Test Guideline 401, 1at)
ATE US (oral)	3592 mg/kg body weight
ATE 00 (01a)	
L DE0 orol rot	22-81-2)
LD50 dormal rat	> 2000 mg/kg (OECD Test Guideline 423, fat, lefilale)
	4500 npm///h
ATE US (yases)	11 mg/l/4b
ATE US (dust mist)	0.39 mg/l/4b
hexamethylene-di-isocyanate (822-06-0)	746 malles (Equivalent et amilar to OECD 401, Dat Mala Evastimental value, Oral, 14
	day(s))
LD50 dermai rat	 > 7000 mg/kg body weight (OECD 402: Acute Dermal Toxicity, 24 h, Rat, Male / female, Experimental value, Dermal, 14 day(s))
LC50 inhalation rat (mg/l)	(OECD 403: Acute Inhalation Toxicity, 4 h, Rat, Male/female, Experimental value, Inhalation (vapours))
ATE US (oral)	746 mg/kg body weight
ATE US (dermal)	300 mg/kg body weight
ATE US (gases)	700 ppmV/4h
ATE US (vapors)	3 mg/l/4h
ATE US (dust, mist)	0.5 mg/l/4h
xylene (1330-20-7)	
LD50 oral rat	3523 mg/kg body weight (Equivalent or similar to EU Method B.1: Acute Toxicity (Oral), Rat, Male, Experimental value, Oral, 14 day(s))
LD50 dermal rat	12126 mg/kg (Non-GLP, read-across from supporting substance, single dermal dose under occlusion followed by observation for 14 days)
LD50 dermal rabbit	12126 mg/kg body weight Animal: rabbit, Animal sex: male
LC50 inhalation rat (ppm)	6700 ppm/4h (EU Method B.2 (Acute Toxicity (Inhalation)), 4h, rat, male)
ATE US (oral)	3523 mg/kg body weight
ATE US (dermal)	1100 mg/kg body weight
ATE US (gases)	6700 ppmV/4h

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xylene (1330-20-7)	
ATE US (vapors)	11 mg/l/4h
ATE US (dust, mist)	1.5 mg/l/4h
ethylbenzene (100-41-4)	
LD50 oral rat	3500 mg/kg (Rat, Male / female, Experimental value, Oral)
LD50 dermal rabbit	15432 mg/kg body weight (24 h, Rabbit, Male, Experimental value, Dermal)
LC50 inhalation rat (mg/l)	17.8 mg/l (4 h, Rat, Male, Experimental value, Inhalation (vapours))
ATE US (oral)	3500 mg/kg body weight
ATE US (dermal)	15432 mg/kg body weight
ATE US (vapors)	17.8 mg/l/4h
ATE US (dust, mist)	17.8 mg/l/4h
Skin corrosion/irritation	Not classified
Serious eye damage/irritation	Not classified
Respiratory or skin sensitization	May cause an allergy or asthma symptoms or breathing difficulties if inhaled. May cause an allergic skin reaction.
Germ cell mutagenicity	Not classified
Carcinogenicity	Suspected of causing cancer.

xylene (1330-20-7)	
IARC group	3 - Not classifiable
ethylbenzene (100-41-4)	
IARC group	2B - Possibly carcinogenic to humans
Reproductive toxicity	: May damage fertility or the unborn child.
STOT-single exposure	: May cause respiratory irritation.
QHAM100 - HAMSOL 100	

STOT-single exposure	May cause drowsiness or dizziness. May cause respiratory irritation.	
hexamethylene diisocyanate, oligomers (28182-81-2)		
STOT-single exposure	May cause respiratory irritation.	
hexamethylene-di-isocyanate (822-06-0)		
STOT-single exposure	May cause respiratory irritation.	
xylene (1330-20-7)		
STOT-single exposure	May cause respiratory irritation.	
2-methoxypropyl acetate (70657-70-4)		
STOT-single exposure	May cause respiratory irritation.	
STOT-repeated exposure	: May cause damage to organs through prolonged or repeated exposure.	

xylene (1330-20-7)			
LOAEL (oral,rat,90 days)	150 mg/kg body weight Animal: rat, Animal sex: male, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity in Rodents), Guideline: EPA OPP 82-1 (90-Day Oral Toxicity)		I
STOT-repeated exposure	May cause damage to organs through prolonged or repeated exposure.		
ethylbenzene (100-41-4)			
NOAEL (oral,rat,90 days)	75 mg/kg body weight Animal: rat, Guideline Oral Toxicity in Rodents)	: OECD Guideline 408 (Repeated Dose 90-Da	ıy
STOT-repeated exposure	May cause damage to organs through prolonged or repeated exposure.		
Aspiration hazard	: May be fatal if swallowed and enters airways	5.	
Viscosity, kinematic	: 6 mm ² /s (11 DIN 4 Seconds)		
Symptoms/effects after inhalation	: May cause respiratory irritation. May cause difficulties if inhaled.	an allergy or asthma symptoms or breathing	
Symptoms/effects after skin contact	: May cause an allergic skin reaction.		
Symptoms/effects after ingestion	: Risk of lung edema.		
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SECTION 12: Ecological information

12.1. Toxicity

Ecology - general

: The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.

xylene (1330-20-7)		
LC50 fish 1	2.6 mg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, Oncorhynchus mykiss, Static renewal, Fresh water, Read-across, Lethal)	
EC50 Daphnia 1	> 3.4 mg/l Test organisms (species): Ceriodaphnia dubia	
ErC50 (algae)	4.36 mg/l (OECD 201: Alga, Growth Inhibition Test, 73 h, Pseudokirchneriella subcapitata, Static system, Fresh water, Experimental value, GLP)	
NOEC chronic fish	> 1.3 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri) Duration: '56 d'	
ethylbenzene (100-41-4)		
LC50 fish 1	4.2 mg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, Salmo gairdneri, Semi-static system, Fresh water, Experimental value)	
EC50 Daphnia 1	2.1 (1.8 – 2.4) mg/l (US EPA, 48 h, Daphnia magna, Static system, Fresh water, Experimental	
	value)	
LOEC (chronic)	value) 1.7 mg/l Test organisms (species): Ceriodaphnia dubia Duration: '7 d'	

12.2. Persistence and degradability

QHAM100 - HAMSOL 100		
Persistence and degradability	May cause long-term adverse effects in the environment.	
hexamethylene-di-isocyanate (822-06-0)		
Persistence and degradability	Not readily biodegradable in water.	
xylene (1330-20-7)		
Persistence and degradability	Biodegradable in the soil. Readily biodegradable in water.	
ethylbenzene (100-41-4)		
Persistence and degradability	Biodegradable in the soil. Readily biodegradable in water.	
Biochemical oxygen demand (BOD)	1.44 g O₂/g substance	
Chemical oxygen demand (COD)	2.1 g O₂/g substance	
ThOD	3.17 g O₂/g substance	
2-methoxypropyl acetate (70657-70-4)		
Persistence and degradability	Biodegradability in water: no data available.	

12.3. Bioaccumulative potential

QHAM100 - HAMSOL 100		
Partition coefficient n-octanol/water (Log Pow)	2.1 – 6	
Bioaccumulative potential	Not established.	
hovemethylene di jecovenete (000.00.0)		
nexamethylene-di-isocyanate (822-06-0)		
BCF fish 1	59.6 (BCFWIN, Pisces, QSAR)	
Partition coefficient n-octanol/water (Log Pow)	3.2 (Calculated)	
Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500).	
xylene (1330-20-7)		
BCF fish 1	7.2 – 25.9 (56 day(s), Oncorhynchus mykiss, Flow-through system, Fresh water, Read-across)	
Partition coefficient n-octanol/water (Log Pow)	3.2 (Read-across, 20 °C)	
Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500).	
ethylbenzene (100-41-4)		
BCF fish 1	1 – 2.4 (Other, 6 week(s), Oncorhynchus kisutch, Flow-through system, Salt water, Experimental value)	
Partition coefficient n-octanol/water (Log Pow)	3.6 (Experimental value, EU Method A.8: Partition Coefficient, 20 °C)	
Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500).	

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2-methoxypropyl acetate (70657-70-4)	
Bioaccumulative potential	No bioaccumulation data available.

12.4. Mobility in soil

hexamethylene-di-isocyanate (822-06-0)		
Partition coefficient n-octanol/water (Log Koc)	2.78 – 3.68 (log Koc, Calculated value)	
Ecology - soil	Low potential for mobility in soil.	
xylene (1330-20-7)		
Surface tension	28.01 – 29.76 mN/m (25 °C)	
Partition coefficient n-octanol/water (Log Koc)	2.73 (log Koc, Equivalent or similar to OECD 121, Read-across)	
Ecology - soil	Low potential for adsorption in soil. May be harmful to plant growth, blooming and fruit formation.	
ethylbenzene (100-41-4)		
Surface tension	0.071 N/m (23 °C, 0.0582 g/l, EU Method A.5: Surface tension)	
Partition coefficient n-octanol/water (Log Koc)	2.71 (log Koc, PCKOCWIN v1.66, QSAR)	
Ecology - soil	Low potential for adsorption in soil. Toxic to soil organisms.	

12.5. Other adverse effects

No additional information available

SECTION 13: Disposal consideration	S
13.1. Disposal methods	
Waste treatment methods	: Dispose of contents/container in accordance with licensed collector's sorting instructions.
Additional information	: Flammable vapors may accumulate in the container.
SECTION 14: Transport information	
Department of Transportation (DOT)	
In accordance with DOT	
Transport document description	: UN1263 Paint related material, 3, III
UN-No.(DOT)	: UN1263
Proper Shipping Name (DOT)	: Paint related material
Class (DOT)	: 3 - Class 3 - Flammable and combustible liquid 49 CFR 173.120
Packing group (DOT)	: III - Minor Danger
Hazard labels (DOT)	: 3 - Flammable liquid

DOT Packaging Non Bulk (49 CFR 173.xxx) DOT Packaging Bulk (49 CFR 173.xxx) : 173 : 242

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DOT Special Provisions (49 CFR 172.102)	 367 - For the purposes of documentation and package marking: a. The proper shipping name "Paint related material" may be used for consignments of packages containing "Paint" and "Paint related material" in the same package; b. The proper shipping name "Paint related material, corrosive, flammable" in the same package; c. The proper shipping name "Paint, flammable" and "Paint related material, corrosive, flammable" in the same package; c. The proper shipping name "Printing ink "related material, corrosive, flammable" in the same package; c. The proper shipping name "Printing ink related material, flammable, corrosive" may be used for consignments of packages containing "Paint, flammable, corrosive" in the same package. B1 - If the material has a flash point at or above 38 C (100 F) and below 93 C (200 F), then the bulk packaging requirements of 173.242 of this subchapter are applicable. If the material has a flash point of less than 38 C (100 F), then the bulk packaging requirements of 200 F), then the bulk packaging requirements on DT 57 portable tanks. B131 - When transported by highway, rail, or cargo vessel, waste Paint and Paint related material (UN1283; PG II and PG III), when in plastic or metal inner packagings of not more than 26.5 L (7 gallons), are excepted from the marking requirements in \$172.401(a) and (c) and the labeling requirements in \$172.400(a), when further packaging requirements of subpart B of part 173 of this subchapter and may not leak. It they do leak, they must be overpacked in packagings conforming to the specification requirements in \$173.12 of this subchapter. b. Primary receptacles must be further packed in pacefingtion bulk outer packagings such as cubic yard boxes, plastic nigid-wall bulk containers, dump trailer, and roll-off containers. Bulk outer packagings und under the following conditions: a. Primary receptacles must be further packed in specification bulk outer packagings. Authorized specification bulk outer packagings are UN11G
DOT Packaging Exceptions (49 CFR 173.xxx)	MAWP. : 150
DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27)	: 60 L
DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75)	: 220 L
DOT Vessel Stowage Location	: A - The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel.
Emergency Response Guide (ERG) Number Other information	: 128 : No supplementary information available.
Transportation of Dengarous Coods	

Transportation of Dangerous Goods

Not applicable

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Transport by sea

Transport document description (IMDG)	: UN 1263 PAINT RELATED MATERIAL, 3, III
UN-No. (IMDG)	: 1263
Proper Shipping Name (IMDG)	: PAINT RELATED MATERIAL
Class (IMDG)	: 3 - Flammable liquids
Packing group (IMDG)	: III - substances presenting low danger
Limited quantities (IMDG)	: 5 L
.	

Air transport

Transport document description (IATA)	:	UN 1263 Paint, 3, III
UN-No. (IATA)	:	1263
Proper Shipping Name (IATA)	:	Paint
Class (IATA)	:	3 - Flammable Liquids
Packing group (IATA)	:	III - Minor Danger

SECTION 15: Regulatory information

15.1. US Federal regulations

QHAM100 - HAMSOL 100		
Listed on the United States TSCA (Toxic Substances Control Act) inventory		
hexamethylene diisocyanate, oligomers (2818)	2-81-2)	
Listed on the United States TSCA (Toxic Substan	ces Control Act) inventory	
EPA TSCA Regulatory Flag	XU - XU - indicates a substance exempt from reporting under the Chemical Data Reporting Rule, (40 CFR 711).	
hexamethylene-di-isocyanate (822-06-0)		
Listed on the United States TSCA (Toxic Substances Control Act) inventory Subject to reporting requirements of United States SARA Section 313 Listed on EPA Hazardous Air Pollutant (HAPS)		
Listed on EPA Hazardous Air Pollutant (HAPS)		
CERCLA RQ 100 lb		
xylene (1330-20-7)		
Listed on the United States TSCA (Toxic Substances Control Act) inventory Subject to reporting requirements of United States SARA Section 313 Listed on EPA Hazardous Air Pollutant (HAPS)		
Listed on EPA Hazardous Air Pollutant (HAPS)		
CERCLA RQ	100 lb	
ethylbenzene (100-41-4)		
Listed on the United States TSCA (Toxic Substances Control Act) inventory Subject to reporting requirements of United States SARA Section 313 Listed on EPA Hazardous Air Pollutant (HAPS)		
Listed on EPA Hazardous Air Pollutant (HAPS)		
CERCLA RQ	1000 lb	
2-methoxypropyl acetate (70657-70-4)		
Not listed on the United States TSCA (Toxic Substances Control Act) inventory		

15.2. International regulations
CANADA
QHAM100 - HAMSOL 100
Listed on the Canadian DSL (Domestic Substances List)
hexamethylene diisocyanate, oligomers (28182-81-2)
Listed on the Canadian DSL (Domestic Substances List)
hexamethylene-di-isocyanate (822-06-0)
Listed on the Canadian DSL (Domestic Substances List)

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xylene (1330-20-7)			
Listed on the Canadian DSL (Domestic Substances List)			
ethylbenzene (100-41-4)			
Listed on the Canadian DSL (Domestic Substances List)			
2-methoxypropyl acetate (70657-70-4)			
Listed on the Canadian DSL (Domestic Substances List)			

EU-Regulations

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4)

No additional information available

National regulations

ethylbenzene (100-41-4)			
Listed on IARC (International Agency for Research on Cancer)			

15.3. US State regulations

ethylbenzene(100-41-

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WARNING: This product can expose you to ethylbenzene, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.						
Component	Carcinogenicity	Developmental toxicity	Reproductive toxicity male	Reproductive toxicity female	No significant risk level (NSRL)	Maximum allowable dose leve (MADL)

Component	State or local regulations
hexamethylene-di-isocyanate(822-06-0)	U.S Delaware - Pollutant Discharge Requirements - Reportable Quantities; U.S Idaho - Non-Carcinogenic Toxic Air Pollutants - Acceptable Ambient Concentrations; U.S Massachusetts - Right To Know List; U.S New Jersey - Right to Know Hazardous Substance List; U.S. – New York City – Right to Know Hazardous Substances List
xylene(1330-20-7)	U.S Delaware - Pollutant Discharge Requirements - Reportable Quantities; U.S Idaho - Non-Carcinogenic Toxic Air Pollutants - Acceptable Ambient Concentrations; U.S Massachusetts - Right To Know List; U.S New Jersey - Right to Know Hazardous Substance List; U.S. – New York City – Right to Know Hazardous Substances List; U.S Pennsylvania - RTK (Right to Know) List
ethylbenzene(100-41-4)	U.S Delaware - Pollutant Discharge Requirements - Reportable Quantities; U.S Idaho - Non-Carcinogenic Toxic Air Pollutants - Acceptable Ambient Concentrations; U.S Massachusetts - Right To Know List; U.S New Jersey - Right to Know Hazardous Substance List; U.S New York City – Right to Know Hazardous Substances List; U.S Pennsylvania - RTK (Right to Know) List

SECTION 16: Other information

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Revision date

: 03/26/2020

SDS US GHS (GHS HazCom2012)

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54 µg/day (inhalation); 41

µg/day (oral)