

SAFETY DATA SHEET

Material: 60019658

ELASTOSIL® E41 TRAN 01

Version 2.7 (US)

Print Date 02/19/2025

Date of last alteration: 02/18/2025

1. Product and company identification

1.1 Identification of the substance or preparation:

Trade name **ELASTOSIL® E41 TRAN 01**
Product group: Adhesion Promoter
Use of the Substance/Mixture Industrial. Commercial. adhesives .

1.2 Company/undertaking identification:

Manufacturer/distributor: Wacker Chemical Corporation
4950 S State Road
Ann Arbor, MI 48108
USA
Customer information: InfoLine:
Tel (517) 264-8240
Hours of operation:
Monday - Friday, 8 am to 5 pm (eastern standard time)
Corporate website: www.wacker.com
Emergency telephone no. (24h): (517) 264-8500
Transportation emergency: (800) 424-9300 (CHEMTREC, USA)
(703) 527-3887 (CHEMTREC, international)

This SDS was prepared by the Regulatory Affairs and Product Safety Department (RAPS) of Wacker Chemical Corporation.

2. Hazards identification

2.1 Classification of the substance or mixture

GHS classification in accordance with the OSHA Hazard Communication Standard (29 CFR 1910.1200):

Classification	H-Code
Short-term (acute) aquatic hazard, Category 3	H402
Long-term (chronic) aquatic hazard, Category 3	H412
Specific target organ toxicity - repeated exposure, Category 2	H373
Reproductive toxicity, Category 2	H361d
Serious eye damage/eye irritation, Category 2A	H319
Skin corrosion/irritation, Category 2	H315
Flammable liquids, Category 2	H225

2.2 Label elements

GHS-Labeling:

Pictogram(s):



Signal word: Danger

H-Code	Hazard statements
H225	Highly flammable liquid and vapour.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H361d	Suspected of damaging the unborn child.
H373	May cause damage to organs through prolonged or repeated exposure.
H412	Harmful to aquatic life with long lasting effects.

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P-Code	Precautionary statements
P201	Obtain special instructions before use.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233	Keep container tightly closed.
P243	Take action to prevent static discharges.
P260	Do not breathe vapours/spray.
P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection.
P302 + P352	IF ON SKIN: Wash with plenty of soap and water.
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P313	Get medical advice/ attention.
P405	Store locked up.

2.3 Other hazards

No data available.

Endocrine disrupting properties - human health: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Endocrine disrupting properties - environment: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

3. Composition/information on ingredients

3.1 Chemical characterization (preparation)

Chemical characterization

Polydimethylsiloxane+auxiliary+silane+solvent

3.2 Information on ingredients:

Type	CAS-No.	Substance	Content [wt. %]		Note
			Lower	Upper	
INHA	108-88-3	Toluene	>10.0	<20.0	R
INHA	4253-34-3	Triacetoxy methylsilane	>5.0	<10.0	
INHA	1067-33-0	stannane, bis(acetyloxy)dibutyl-	>=0.025	<0.1	R

Type: HYD - by-product upon hydrolysis, INHA - ingredient, NEBE - by-product, MONO - residual monomer, VERU - impurity, VUL - by-product upon vulcanization. *** **Note:** C1 - IARC carcinogen, C2 - NTP carcinogen, C3 - OSHA carcinogen, NH - non-hazardous, R - reproductive toxin.

Substances listed in the Subsections "HAPS" and "California Proposition 65 Carcinogens / Reproductive Toxins" that are not listed in this section are only present at quantities below 0.1% for California Proposition 65 listed toxins or below 1% for non-carcinogenic HAPS or they are inextricably bound in the product. Specific chemical identities and/or exact percentage (concentration) of the composition may have been withheld as a trade secret.

This product does not contain substances of very high concern (Regulation (EC) No 1907/2006 (REACH), Article 57) in amounts above ≥ 0.1%.

4. First-aid measures

4.1 General information:

Get medical attention immediately. Before seeking medical attention remove contaminated clothing and shoes. Take a copy of the Safety Data Sheet when going for medical treatment.

4.2 If inhaled

If inhaled remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult give oxygen.

4.3 In case of skin contact

For skin contact, immediately wipe away excess material. Use a waterless hand cleaner to remove as much of the remaining material as possible. Wash with soap and water.

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4.4 In case of eye contact

If contact with eyes, immediately hold eyelids apart and flush with plenty of water for at least 15 min.

4.5 If swallowed

If swallowed, do not induce vomiting. Danger of aspiration. If swallowed, rinse mouth with water. Get medical attention immediately. Show label if possible.

5. Fire-fighting measures**5.1 Flammable properties:**

Property:	Value:	Method:
Flash point.....	6 °C (43 °F)	(DIN 53213)
Boiling point/boiling range	111 °C (232 °F) at 1013 hPa	(not specified)
Lower explosion limit.....	1.2 %(V)	(not specified)
Upper explosion limit.....	7.0 %(V)	(not specified)
Ignition temperature	540 °C (1004 °F)	(DIN 51794)
NFPA Hazard Class (comb./flam.liquid).....	IB	

5.2 Fire and explosion hazards:

Flammable liquid and vapor. Vapors are heavier than air and may travel along the ground, be moved by ventilation systems, settle in pits or low areas, and be ignited by ignition sources distant from the handling point.

5.3 Recommended extinguishing media:

Alcohol Resistant (AR) Fluorine Free Foam (F3). Carbon dioxide. Dry chemical. Water may be used to cool tanks and structures adjacent to the fire.

5.4 Unsuitable extinguishing media:

Water may be ineffective in controlling fires of this material. Do not use water to fight these fires.

5.5 Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases

Heavy soot formation during combustion. Hazardous decomposition products: acetic acid .

5.6 Fire fighting procedures:

Full turn-out gear and Self Contained Breathing Apparatus (SCBA) should be worn when fighting large fires.

6. Accidental release measures**6.1 Precautions:**

Secure the area. Wear personal protection equipment (see section 8). Task force: Use tightly fitting chemical protection suit (see section 8). Keep unprotected persons away. Avoid contact with eyes and skin. Do not inhale gases/vapours/aerosols. Do not walk through spilled material. Ensure adequate ventilation. If material is released indicate risk of slipping.

HAZWOPER PPE Level: C

6.2 Containment:

Prevent material from entering surface waters, drains or sewers and soil. Close leak if possible without risk. Contain any fluid that runs out using suitable material (e.g. earth). Retain contaminated water/extinguishing water. Dispose of in prescribed marked containers. Inform authorities if substance leaks into surface waters, sewerage or ground.

Spills of material which could reach surface waters must be reported to the United States Coast Guard National Response Center's toll free phone number (800) 424-8802.

6.3 Methods for cleaning up

Take up mechanically and dispose of according to local/state/federal regulations. Do not flush away with water. For small amounts: Absorb with liquid, mainly acid binding material and dispose of according to local/state/federal regulation. For large amounts: Liquids may be recovered using suction devices or pumps. If flammable, only air driven or properly rated electrical equipment should be used. Clean any slippery coating that remains using a detergent / soap solution or another biodegradable cleaner. Silicone fluids are slippery; spills are a safety hazard. Apply sand or other inert granular material to improve traction.

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6.4 Further information:

Exhaust vapours. Eliminate all sources of ignition. Consider explosion protection. Observe notes under section 7.

7. Handling and storage

7.1 Handling

Precautions for safe handling:

Ensure adequate ventilation. Must be syphoned off in situ. Spilled substance increases risk of slipping. Avoid formation of aerosols. In case of aerosol formation special protective measures are required (exhausting by suction, respiratory protection). Observe information in section 8. Keep away from incompatible substances in accordance with section 10.

Precautions against fire and explosion:

Product may release acetic acid. Flammable vapors may accumulate and form explosive mixtures with air in containers, process vessels, including partial, empty and uncleaned containers and vessels, or other enclosed spaces. Keep away from sources of ignition and do not smoke. Take precautionary measures against electrostatic charging. Cool endangered containers with water.

7.2 Storage

Conditions for storage rooms and vessels:

Observe local/state/federal regulations.

Advice for storage of incompatible materials:

Observe local/state/federal regulations.

Further information for storage:

Store in a dry and cool place. Protect against moisture. Store container in a well ventilated place.

Minimum temperature allowed during storage and transportation: 0 °C (32 °F)

8. Exposure controls and personal protection

8.1 Engineering controls

Ventilation:

General ventilation sufficient to provide 1 CFM per square foot of floor area or 6 room air exchanges per hour is recommended.

Local exhaust:

To control flammable/combustible vapors: Local exhaust ventilation which meets the requirements of ANSI Z9.2 is recommended to control airborne contaminants at the point of use. (to maintain concentration below TLV) .

8.2 Associate substances with specific control parameters such as limit values

Maximum airborne concentrations at the workplace:

Substance	Type	mg/m ³	ppm	Dust fract.
Toluene	OSHA PEL		200.0	
Acetic acid	OSHA PEL	25.0	10.0	
Tin compounds (organic)	OSHA PEL	0.1		
Toluene	ACGIH TWA		20.0	
Acetic acid	ACGIH TWA		10.0	
Tin compounds (organic)	ACGIH TWA	0.1		

Re Toluene (CAS-no. 108-88-3): carcinogenicity: A4 (ACGIH); ceiling is 300 ppm, maximum peak is 500 ppm for a duration of 10 minutes (OSHA Table Z-2).

Re Acetic acid (CAS-no. 64-19-7): STEL is 15 ppm (ACGIH).

Re Tin compounds (organic): STEL is 0,2 mg/m3, skin notation (ACGIH).

8.3 Personal protection equipment (PPE)

Respiratory protection:

A NIOSH approved air purifying respirator equipped with universal multi-contaminant, multi-gas/vapor cartridges and at least P-99 solid/aerosol particulate filters is recommended if overexposure to dusts, mists, or vapors could occur. If eye-irritating dusts or vapors are present, a full-face respirator should be worn.

Hand protection:

Viton rubber or Silvershield / 4H laminate gloves

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Eye protection:

Safety glasses with side shields or chemical safety goggles. Additional eye and face protection, splash-proof goggles, hood, full-faced respirator, or face shield is recommended if splashing could occur.

Other protective clothing or equipment:

Additional skin protection, such as SARANEX coated Tyvek apron, over-sleeves, lab coat, coveralls, or protective suit should be worn if splashing could occur. Provide eye bath and safety shower.

8.4 General hygiene and protection measures:

Avoid contact with eyes, skin and clothing. Avoid breathing dust/vapor/mist/gas/aerosol. When handling do not eat, drink, smoke or apply cosmetics. Wash thoroughly after handling.

9. Physical and chemical properties**9.1 Information on basic physical and chemical properties**

Property:	Value:	Method:
Physical state	liquid	
Colour	colourless	
Odour	strong	
Odour Threshold	no data available	
Melting point	exempt	
Boiling point/boiling range	111 °C at 1013 hPa	(not specified)
Lower explosion limit	1.2 Vol-%	(not specified)
Upper explosion limit	7 Vol-%	(not specified)
Flash point	6 °C	(DIN 53213)
Ignition temperature	540 °C	(DIN 51794)
Thermal decomposition	exempt	
pH	Not applicable. Insoluble in water.	
Viscosity, kinematic	not applicable	
Viscosity, dynamic	65000 mPa.s at 23 °C	(Brookfield)
Water solubility	practically insoluble	
Partition coefficient: n-octanol/water	not applicable	
Vapour pressure	29 hPa at 20 °C	(not determined)
Density	1.078 g/cm ³ (23 °C)	(DIN 53217)
Relative vapour density	no data available	
Particle Size Distribution	Not applicable.	

9.2 Other information

Solubility in water: Hydrolytic decomposition occurs. pH Value: Product displays acidic reaction with water.
Explosion limits for released acetic acid: 4 - 17%(V).

Property:	Value:	Method:
Evaporation rate	no data available	
Molecular weight	not applicable	
VOC	148.6 g/l	(calculated value)
VOC Released During Cure	44.1 g/l	(Estimated Value)

10. Stability and reactivity**10.1 General information:**

If stored and handled in accordance with standard industrial practices no hazardous reactions are known. Violent reactions are possible with various chemicals.

10.2 Conditions to avoid

Moisture, heat, open flames, and other sources of ignition.

10.3 Materials to avoid

Reacts violently with: water, basic substances and alcohols. The reaction takes place with the formation of acetic acid.

10.4 Hazardous decomposition products

Acetic acid by hydrolysis.

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10.5 Further information:

Hazardous polymerization cannot occur.

11. Toxicological information**11.1 Information on toxicological effects****11.1.1 General information**

Data derived for the product as a whole are of higher priority than data for single ingredients.

11.1.2 Acute toxicity**Assessment:**

For this endpoint no toxicological test data is available for the whole product.

Acute toxicity estimate (ATE):ATE_{mix} (Oral): > 5000 mg/kg**Data on substances:****Toluene:**

Exposure routes	Result/Effect
Oral	LD50 5580 mg/kg Species: Rat, Source: ECHA
dermal	LD50 12267 mg/kg Species: Rabbit, Source: ECHA
by inhalation (vapour)	LC50 28.1 mg/l; 4 h Species: Rat, Source: ECHA

11.1.3 Skin corrosion/irritation**Product details:**

irritating

The given result is based on an evaluation of the whole database for this endpoint ("weight of evidence").
(Species: Rabbit, Source: Conclusion by analogy)**Data on substances:****Toluene:**

irritating

(Species: Rabbit, Method: OECD 404, Source: ECHA)

11.1.4 Serious eye damage/eye irritation**Product details:**

irritating

The given result is based on an evaluation of the whole database for this endpoint ("weight of evidence").
(Species: Rabbit, Source: Conclusion by analogy)**Data on substances:****Toluene:**

No eye irritation

(Species: Rabbit, Method: OECD 405, Source: ECHA)

11.1.5 Respiratory or skin sensitisation**Assessment:**

For this endpoint no toxicological test data is available for the whole product.

Data on substances:**Toluene:**

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Exposure routes	Result
Skin contact	Does not cause skin sensitisation. (Species: Guinea pig, Test system: Maximisation Test, Method: OECD 406, Source: ECHA)

11.1.6 Germ cell mutagenicity**Assessment:**

For this endpoint no toxicological test data is available for the whole product.

Data on substances:**Toluene:**

negative (Metabolic activation: with and without metabolic activation, Test system: mutation assay (in vitro) / mouse lymphoma cells, Method: OECD 476, Source: ECHA)
negative (Metabolic activation: with and without metabolic activation, Test system: mutation assay (in vitro) / bacterial cells, Method: OECD 471, Source: ECHA)
negative (Test system: chromosome aberration assay (in vivo), Species: Rat, Application Route: Intraperitoneal, Cell type: bone marrow cells, Source: ECHA)

11.1.7 Carcinogenicity**Assessment:**

For this endpoint no toxicological test data is available for the whole product.

11.1.8 Reproductive toxicity**Assessment:**

For this endpoint no toxicological test data is available for the whole product.

Data on substances**Toluene:**

The substance can possibly impair the unborn child in humans.

11.1.9 Specific target organ toxicity - single exposure**Assessment:**

For this endpoint no toxicological test data is available for the whole product.

Data on substances:**Toluene:**

Result/Effect
Exposure routes: by inhalation target organs: Central nervous system Vapours may be narcotising. Source: ECHA

11.1.10 Specific target organ toxicity - repeated exposure**Assessment:**

For this endpoint no toxicological test data is available for the whole product.

Data on substances:**Toluene:**

Target organs in animal experiments: Central nervous system.

11.1.11 Aspiration hazard**Assessment:**

Based on the physical-chemical properties of the product no aspiration hazard must be expected.

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Data on substances:

Toluene:

Product can pose an aspiration hazard.

11.1.12 Endocrine disrupting properties

The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Data on substances:

Toluene:

No data available.

11.1.13 Further toxicological information

No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP. No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC. No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Other information: In contact with dampness product separates a small quantity of acetic acid (64-19-7) which irritates skin and mucous membranes.

12. Ecological information

12.1 Toxicity

Assessment:

For the product as a whole, no test data is available.

Data on substances:

Data derived for the product as a whole are of higher priority than data for single ingredients.

Toluene:

Result/Effect	Species/Test system	Source
LC50: 5.5 mg/l (measured)	flow-through test Oncorhynchus kisutch (coho salmon) (96 h)	ECHA
EC50: 3.78 mg/l (measured)	semi-static test Daphnia (water flea) (48 h)	ECHA
EC50 (photosynthesis): 134 mg/l (nominal)	algae (3 h)	ECHA
NOEC (Growth): 1.39 mg/l	Oncorhynchus kisutch (coho salmon) (40 d)	ECHA
NOEC (reproduction rate): 0.74 mg/l	Ceriodaphnia dubia (water flea) (7 d)	ECHA

12.2 Persistence and degradability

Assessment:

Polymer component: biologically not degradable. Elimination by adsorption to activated sludge.

Data on substances:

Toluene:

Readily biodegradable.

12.3 Bioaccumulative potential

Assessment:

Polymer component: No adverse effects expected.

12.4 Mobility in soil

Assessment:

Polymer component: insoluble in water.

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12.5 Results of PBT and vPvB assessment

No data available.

Data on substances:**Toluene:**

No data available.

12.6 Endocrine disrupting properties

The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Data on substances:**Toluene:**

No data available.

12.7 Other adverse effects

none known

12.8 Additional information

In cross-linked state not soluble in water. Easily separable from water by filtration.

13. Disposal considerations**13.1 RCRA Waste Classification:**

D001 (Ignitable)

This classification applies only to the material as it was originally produced.

13.2 Product disposal

Recommendation:

Material that cannot be used, reprocessed or recycled should be disposed of in accordance with Federal, State, and local regulations at an approved facility. Depending on the regulations, waste treatment methods may include, e.g., landfill or incineration.

13.3 Packaging disposal

Recommendation:

Completely discharge containers (no tear drops, no powder rest, scraped carefully). Containers may be recycled or re-used. Observe local/state/federal regulations. Uncleaned packaging should be treated with the same precautions as the material.

14. Transport information**14.1 US DOT & CANADA TDG SURFACE**

Valuation: Dangerous Goods
Proper Shipping Name: Flammable liquid, n.o.s.
Technical name: (contains toluene and n-propanol)
Class: 3
UN no.: 1993
Packing group: II
Label: **TL:flammable liquid/3
NAERG Guide: 128
Other Information: Protect from freezing, when exposed to cold temperatures approaching 0 °C (32 °F) or below.

14.2 Transport by sea IMDG-Code

Valuation: Dangerous Goods
Comment: LIMITED QUANTITY acc. 3.4 IMDG-Code possible up to 30 kg gross per package (combination packaging).
Class: 3

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Packing group II
 UN no. 1993
 Proper Shipping Name Flammable liquid, n.o.s.
 Technical name (contains toluene and n-propanol)
 EmS No. F-E, S-E
 Marine pollutant no

14.3 Air transport ICAO-TI/ATA-DGR

Valuation Dangerous Goods
 Class 3
 UN no. 1993
 Proper Shipping Name Flammable liquid, n.o.s.
 Technical name (contains toluene and n-propanol)
 Packing group II

15. Regulatory information

15.1 U.S. Federal regulations

TSCA inventory status and TSCA information:

This material or its components are listed on or are in compliance with the requirements of the TSCA Chemical Substance Inventory.

TSCA 12(b) Export Notification:

This material does not contain reportable amounts of any TSCA 12(b) listed chemicals.

CERCLA Regulated Chemicals:

CAS-No.	Chemical	RQ	Upper limit wt. %
108-88-3	Toluene	1,000 lbs	<15.0075

SARA 302 EHS Chemicals:

This material does not contain any SARA extremely hazardous substances.

SARA 311/312 Hazard Class:

Reproductive toxicity. Skin corrosion or irritation. Serious eye damage or eye irritation. Specific target organ toxicity (single or repeated exposure). Flammable (gases, aerosols, liquids, or solids)

SARA 313 Chemicals:

CAS-No.	Chemical	Upper limit wt. %
108-88-3	Toluene	<15.0075

SARA 313 information included on this SDS should be included in all SDSs that are copied from and distributed for this material.

HAPS (Hazardous Air Pollutants):

CAS-No.	Chemical	Upper limit
108-88-3	Toluene	<=16.0100 %
71-43-2	Benzene	<=0.0016 %

15.2 US State Regulations

US. California Safe Drinking Water & Toxic Enforcement Act (Proposition 65)

California Proposition 65 Carcinogens:

71-43-2 Benzene

California Proposition 65 Reproductive Toxins:

108-88-3 Toluene

71-43-2 Benzene

Massachusetts Right To Know

108-88-3 Toluene

71-43-2 Benzene

15.3 Details of international registration status

Relevant information about individual substance inventories, where available, is given below.

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Japan	: ENCS (Handbook of Existing and New Chemical Substances): This product is listed in, or complies with, the substance inventory.
New Zealand	: NZIoC (New Zealand Inventory of Chemicals): This product is listed in, or complies with, the substance inventory. (For a correct interpretation of the New Zealand status, additional information like GHS classification or Group Standard is required.)
Australia	: AIIC (Australian Inventory of Industrial Chemicals): This product is listed in, or complies with, the substance inventory.
China	: IECSC (Inventory of Existing Chemical Substances in China): This product is listed in, or complies with, the substance inventory.
Canada	: DSL (Domestic Substance List): This product is listed in, or complies with, the substance inventory.
Philippines	: PICCS (Philippine Inventory of Chemicals and Chemical Substances): This product is listed in, or complies with, the substance inventory.
United States of America (USA)	: TSCA (Toxic Substance Control Act Chemical Substance Inventory): All components of this product are listed as active or are in compliance with the substance inventory.
Taiwan	: TCSI (Taiwan Chemical Substance Inventory): This product is listed in, or complies with, the substance inventory. General note: The Taiwanese chemicals regulation requires a phase 1 registration for TCSI-listed or TCSI-compliant substances if imports to Taiwan or manufacturing in Taiwan exceed the trigger quantity of 100 kg/a (for mixtures to be calculated per each ingredient). It is the duty of the importing/manufacturing legal entity to take care of this obligation.
European Economic Area (EEA)	: REACH (Regulation (EC) No 1907/2006): General note: the registration obligations for substances imported into the EEA or manufactured within the EEA by the supplier mentioned in section 1 are fulfilled by the said supplier. The registration obligations for substances imported into the EEA by customers or other downstream users must be fulfilled by the latter.
South Korea (Republic of Korea)	: AREC (Act on Registration and Evaluation of Chemicals; "K-REACH"): Please approach your regular contact for more detailed information.

16. Other information

16.1 Additional information:

This Safety Data Sheet (SDS) meets the requirements of the Federal OSHA Hazard Communication Standard (29 CFR 1910.1200). This information relates to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is to the best of our knowledge and belief accurate and reliable as of the date compiled. However, no representation, warranty or guarantee expressed or implied, is made as to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability and completeness of such information for his own particular use. We do not accept liability for any loss or damage that may occur from the use of this information. Nothing herein shall be construed as a recommendation for uses which infringe valid patents or as extending a license under valid patents. This SDS provides selected regulatory information on this product, including its components. This is not intended to include all regulations. It is the responsibility of the user to know and comply with all applicable rules, regulations and laws relating to the product being used.

Vertical lines in the left-hand margin indicate changes compared with the previous version.

WACKER restricts the use of its products inside the human body or in contact with bodily fluids and mucosa. For further details please review our Health Care Policy on www.wacker.com. WACKER may cancel any delivery obligation(s) if the Health Care Policy is not observed.

16.2 Glossary of Terms:

ACGIH - American Conference of Governmental Industrial Hygienists
DOT - Department of Transportation
hPa - Hectopascals
mPa*s - Milli Pascal-Seconds
OSHA - Occupational Safety and Health Administration
PEL - Permissible Exposure Limit

ppm - Parts per Million
SARA - Superfund Amendments and Reauthorization Act
STEL - Short Term Exposure Limit
TSCA - Toxic Substances Control Act
TWA - Time Weighted Average

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Flash point determination methods	Common name
ASTM D56.....	Tagliabue (Tag) closed cup
ASTM D92, DIN 51376, ISO 2592	Cleveland open cup
ASTM D93, DIN 51758, ISO 2719	Pensky-Martens closed cup
ASTM D3278, DIN 55680, ISO 3679	Setaflash or Rapid closed cup
DIN 51755.....	Abel-Pensky closed cup

16.3 Conversion table:

Pressure:.....: 1 hPa * 0.75 = 1 mm Hg = 1 torr; 1 bar = 1000 hPa

Viscosity:.....: 1 mPa*s = 1 centipoise (cP)