

## SAFETY DATA SHEET

in accordance with REACH (1907/2006/EC, as amended by 2015/830/EU) 29 CFR 1910.1200 and WHMIS 2015

**Revision date:** 31 May 2019

**Initial date of issue:** 29 January 2008

**SDS No.** 111B-18

### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1. Product identifier

752 Cold Galvanizing Compound (Bulk)

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

Zinc rich primer and coating for iron, steel and their welds.

#### 1.3. Details of the supplier of the safety data sheet

##### Company:

A.W. CHESTERTON COMPANY  
860 Salem Street  
Groveland, MA 01834-1507, USA  
Tel. +1 978-469-6446 Fax: +1 978-469-6785  
(Mon. - Fri. 8:30 - 5:00 PM EST)  
SDS requests: [www.chesterton.com](http://www.chesterton.com)  
E-mail (SDS questions): [ProductMSDSs@chesterton.com](mailto:ProductMSDSs@chesterton.com)  
E-mail: [customer.service@chesterton.com](mailto:customer.service@chesterton.com)

##### Supplier:

Canada: A.W. Chesterton Company Ltd., 889 Fraser Drive,  
Unit 105, Burlington, Ontario L7L 4X8 – Tel. 905-335-5055  
EU: Chesterton International GmbH, Am Lenzenfleck 23,  
D85737 Ismaning, Germany – Tel. +49-89-996-5460

#### 1.4. Emergency telephone number

24 hours per day, 7 days per week  
Call Infotrac: 1-800-535-5053  
Outside N. America: +1 352-323-3500 (collect)  
NSW Poisons Information Centre (Australia): 13 11 26

### SECTION 2: HAZARDS IDENTIFICATION

#### 2.1. Classification of the substance or mixture

##### 2.1.1. Classification according to Regulation (EC) No 1272/2008 [CLP] / GHS

Flammable liquid, Category 3, H226  
Skin irritation, Category 2, H315  
Eye irritation, Category 2, H319  
Specific target organ toxicity – repeated exposure, Category 2, H373 (central nervous system, liver, kidneys)  
Hazardous to the aquatic environment, Acute, Category 1, H400  
Hazardous to the aquatic environment, Chronic, Category 1, H410

##### 2.1.2. Classification according to 29 CFR 1910.1200 / WHMIS 2015 / GHS

Flammable liquid, Category 3, H226  
Skin irritation, Category 2, H315  
Eye irritation, Category 2A, H319  
Specific target organ toxicity – repeated exposure, Category 2, H373 (central nervous system, liver, kidneys, hearing)  
Hazardous to the aquatic environment, Acute, Category 1, H400  
Hazardous to the aquatic environment, Chronic, Category 1, H410

##### 2.1.3. Australian statement of hazardous nature

Hazardous according to criteria of Safe Work Australia.

##### 2.1.4. Additional information

For full text of H-statements: see SECTIONS 2.2 and 16.

**2.2. Label elements****2.2.1. Labelling according to Regulation (EC) No 1272/2008 [CLP] / GHS****Hazard pictograms:****Signal word:**

Warning

**Hazard statements:**

H226 Flammable liquid and vapour.  
 H315 Causes skin irritation.  
 H319 Causes serious eye irritation.  
 H373 May cause damage to the central nervous system, liver and kidneys through prolonged or repeated exposure.  
 H410 Very toxic to aquatic life with long lasting effects.

**Precautionary statements:**

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
 P260 Do not breathe vapours.  
 P264 Wash skin thoroughly after handling.  
 P273 Avoid release to the environment.  
 P280 Wear protective gloves and eye/face protection.  
 P337/313 If eye irritation persists: Get medical advice/attention.  
 P314 Get medical advice/attention if you feel unwell.  
 P370/378 In case of fire: Use CO<sub>2</sub>, dry chemical or foam to extinguish.  
 P391 Collect spillage.  
 P403/235 Store in a well-ventilated place. Keep cool.

**Supplemental information:** None**2.2.2. Labelling according to 29 CFR 1910.1200 / WHMIS 2015 / GHS****Hazard pictograms:****Signal word:**

Warning

**Hazard statements:**

H226 Flammable liquid and vapour.  
 H315 Causes skin irritation.  
 H319 Causes serious eye irritation.  
 H373 May cause damage to the central nervous system, liver, kidneys and hearing through prolonged or repeated exposure.  
 H410 Very toxic to aquatic life with long lasting effects.

**Precautionary statements:**

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
 P240 Ground and bond container and receiving equipment.  
 P260 Do not breathe vapours.  
 P264 Wash skin thoroughly after handling.  
 P273 Avoid release to the environment.  
 P280 Wear protective gloves and eye/face protection.  
 P302/352 IF ON SKIN: Wash with plenty of soap and water.  
 P305/351/338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P337/313 If eye irritation persists: Get medical advice/attention.  
 P314 Get medical advice/attention if you feel unwell.  
 P370/378 In case of fire: Use CO<sub>2</sub>, dry chemical or foam to extinguish.  
 P391 Collect spillage.  
 P403/235 Store in a well-ventilated place. Keep cool.  
 P501 Dispose of contents/container to an approved waste disposal plant.

**Supplemental information:** None**2.3. Other hazards**

None known

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS****3.2. Mixtures**

Hazardous Ingredients <sup>1</sup>	% Wt.	CAS No./ EC No.	REACH Reg. No.	CLP/GHS Classification
Zinc	70-80	7440-66-6 231-175-3	NA	Aquatic Acute 1, H400 Aquatic Chronic 1, H410 (M-factor: 1)
Xylene	10-15	1330-20-7 215-535-7	NA	Flam. Liq. 3, H226 Asp. Tox. 1, H304 Acute Tox. 4, H332/H312 Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335 STOT RE 2, H373 (CNS, liver, kidneys)
Ethylbenzene	1-3	100-41-4 202-849-4	NA	Flam. Liq. 2, H225 Asp. Tox. 1, H304 Acute Tox. 4, H332 STOT RE 2, H373 (hearing)

For full text of H-statements: see SECTION 16.

<sup>1</sup> Classified according to:

- 29 CFR 1910.1200, 1915, 1916, 1917, Mass. Right-to-Know Law (ch. 40, M.G.L..O. 111F)
- 1272/2008/EC, GHS, REACH
- WHMIS 2015
- Safe Work Australia

**SECTION 4: FIRST AID MEASURES****4.1. Description of first aid measures**

**Inhalation:** Remove to fresh air. If not breathing, administer artificial respiration. Consult physician.

**Skin contact:** Wash skin with soap and water. Contact physician if irritation persists.

**Eye contact:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Contact physician if irritation persists.

**Ingestion:** Do not induce vomiting. Contact physician immediately.

**Protection of first-aiders:** No action shall be taken involving any personal risk or without suitable training. Avoid contact with the product while providing aid to the victim. Do not breathe vapours. See section 8.2.2 for recommendations on personal protective equipment.

**4.2. Most important symptoms and effects, both acute and delayed**

Causes skin irritation. Direct eye contact will cause eye irritation. Excessive inhalation of vapors will irritate the eyes and respiratory tract and cause dizziness, headache and other central nervous system effects. May cause damage to the central nervous system, liver, kidneys and hearing through prolonged or repeated exposure.

**4.3. Indication of any immediate medical attention and special treatment needed**

Treat symptoms. If more than 2 ml/kg has been ingested and vomiting has not occurred, emesis should be induced with supervision.

**SECTION 5: FIREFIGHTING MEASURES****5.1. Extinguishing media**

**Suitable extinguishing media:** Carbon dioxide, dry chemical or foam

**Unsuitable extinguishing media:** Do not use water on product.

**5.2. Special hazards arising from the substance or mixture**

Contact with water liberates extremely flammable gases. Thermal decomposition may produce Carbon Monoxide, Carbon Dioxide and other toxic fumes.

**5.3. Advice for firefighters**

Cool exposed containers with water. Recommend Firefighters wear self-contained breathing apparatus.

**Flammability Classification:** not determined

**HAZCHEM Emergency Action Code:** 3 Y

#### SECTION 6: ACCIDENTAL RELEASE MEASURES

##### 6.1. Personal precautions, protective equipment and emergency procedures

Evacuate area. Provide adequate ventilation. Utilize exposure controls and personal protection as specified in Section 8.

##### 6.2. Environmental Precautions

Keep out of sewers, streams and waterways.

##### 6.3. Methods and material for containment and cleaning up

Contain spill to a small area. Keep away from sources of ignition - No smoking. If removal of ignition sources is not possible, then flush material away with water. Pick up with absorbent material (sand, sawdust, clay, etc.) and place in a suitable container for disposal.

##### 6.4. Reference to other sections

Refer to section 13 for disposal advice.

#### SECTION 7: HANDLING AND STORAGE

##### 7.1. Precautions for safe handling

Use only in well-ventilated areas. Keep container closed when not in use. Ground and bond container and receiving equipment. Utilize exposure controls and personal protection as specified in Section 8.

##### 7.2. Conditions for safe storage, including any incompatibilities

Store in a cool, well-ventilated area. Keep container dry. Keep away from sources of ignition - No smoking.

##### 7.3. Specific end use(s)

No special precautions.

#### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

##### 8.1. Control parameters

###### Occupational exposure limit values

Ingredients	OSHA PEL <sup>1</sup>		ACGIH TLV <sup>2</sup>		UK WEL <sup>3</sup>		AUSTRALIA ES <sup>4</sup>	
	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
Zinc	–	15	(inhal.) (resp.)	10 3	–	–	–	10
Xylene	100	435	100	434	50	220	80	350
			STEL:	STEL:	STEL:	STEL:	STEL:	
			150	651	100	441	150	655
Ethylbenzene	100	435	20	–	100	441	100	434
					STEL:	STEL:	STEL:	
					125	552	125	543

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<sup>1</sup> United States Occupational Health & Safety Administration permissible exposure limits

<sup>2</sup> American Conference of Governmental Industrial Hygienists threshold limit values

<sup>3</sup> EH40 Workplace exposure limits, Health & Safety Executive

<sup>4</sup> Safe Work Australia, Workplace Exposure Standards for Airborne Contaminants

**Biological limit values**

Xylene:

Control parameter	Biological specimen	Sampling Time	Limit value	Basis	Notes
Methylhippuric acids	Urine	End of shift	1.5 g/g creatinine	ACGIH	–
Methylhippuric acid	Urine	End of shift	650 mmol/mol creatinine	UK BMGV	–

Ethylbenzene:

Control parameter	Biological specimen	Sampling Time	Limit value	Basis	Notes
Sum of mandelic acid and phenylglyoxylic acid	Urine	End of shift	0.15 g/g creatinine	ACGIH	Nonspecific

**Derived No Effect Level (DNEL) according to Regulation (EC) No 1907/2006:****Workers Workers**

Substance Substance	Route of exposure Route of exposure	Potential health effects Potential health effects	DNEL DNEL
Xylene	Inhalation	Chronic effects, local/Chronic effects, systemic	221 mg/m <sup>3</sup>
Ethylbenzene		Chronic effects, systemic	77 mg/m <sup>3</sup>

**Predicted No Effect Concentration (PNEC) according to Regulation (EC) No 1907/2006: Predicted No Effect Concentration (PNEC) according to Regulation (EC) No 1907/2006:**

Not available

**8.2. Exposure controls****8.2.1. Engineering measures**

Provide sufficient explosion-proof ventilation to keep the vapor concentrations below the exposure limits.

**8.2.2. Individual protection measures**

**Respiratory protection:** Not normally needed. If exposure limits are exceeded, use approved organic vapor respirator (e.g., EN filter type A/P). Use self-contained breathing apparatus for entry into confined space, for other poorly ventilated areas and for large spill clean-up sites.

**Protective gloves:** Chemical resistant gloves (e.g. Viton\*, neoprene, nitrile). \*DuPont's registered trademark.

Xylene, Ethylbenzene:

Contact type	Glove material	Layer thickness	Breakthrough time*
Full	Viton	0.7 mm	> 480 min.
Splash	Nitrile rubber	0.4 mm	Ethylbenzene: > 10 min. Xylene: > 30 min.

\*Determined according to EN374 standard.

**Eye and face protection:** Safety goggles.

**Other:** Impervious clothing as necessary for repetitive, prolonged skin contact.

**8.2.3. Environmental exposure controls**

Refer to sections 6 and 12.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES****9.1. Information on basic physical and chemical properties**

<b>Physical state</b>	viscous liquid	<b>Odour</b>	solvent odor
<b>Colour</b>	gray	<b>Odour threshold</b>	not determined
<b>Initial boiling point</b>	99°C (210°F)	<b>Vapour pressure @ 20°C</b>	not determined
<b>Melting point</b>	not determined	<b>% Aromatics by weight</b>	14.2%
<b>% Volatile (by volume)</b>	48.1	<b>pH</b>	not applicable
<b>Flash point</b>	26°C (78°F)	<b>Relative density</b>	2.88 kg/l
<b>Method</b>	PM Closed Cup	<b>Weight per volume</b>	24 lbs/gal.
<b>Viscosity</b>	3800-4800 cps	<b>Coefficient (water/oil)</b>	<1
<b>Autoignition temperature</b>	not determined	<b>Vapour density (air=1)</b>	>1
<b>Decomposition temperature</b>	not determined	<b>Rate of evaporation (ether=1)</b>	<1
<b>Upper/lower flammability or explosive limits</b>	0.7 LEL; 22.7 UEL	<b>Solubility in water</b>	negligible
<b>Flammability (solid, gas)</b>	not applicable	<b>Oxidising properties</b>	not determined
<b>Explosive properties</b>	not determined		

**9.2. Other information**

None

**SECTION 10: STABILITY AND REACTIVITY****10.1. Reactivity**

Refer to sections 10.3 and 10.5.

**10.2. Chemical stability**

Stable

**10.3. Possibility of hazardous reactions**

No dangerous reactions known under conditions of normal use.

**10.4. Conditions to avoid**

Open flames, heat, sparks and red hot surfaces.

**10.5. Incompatible materials**

Alkaline metals and Strong oxidizers like liquid Chlorine and concentrated Oxygen.

**10.6. Hazardous decomposition products**

Thermal decomposition may produce Carbon Monoxide, Carbon Dioxide and other toxic fumes.

**SECTION 11: TOXICOLOGICAL INFORMATION****11.1. Information on toxicological effects**

**Primary route of exposure under normal use:** Inhalation, skin and eye contact. Personnel with pre-existing eye, skin and respiratory disorders may be aggravated by exposure.

**Acute toxicity -****Oral:**

Based on available data on components, the classification criteria are not met. ATE-mix: 20,636 mg/kg.

Substance	Test	Result
Zinc	LD50 oral rat	> 2000 mg/kg
Xylene	LD50, rat	2840 mg/kg
Ethylbenzene	LD50, rat	3500 mg/kg

**Dermal:**

Based on available data on components, the classification criteria are not met. ATE-mix: 9,259 mg/kg.

Substance	Test	Result
Xylene	LC50, rabbit	> 4350 mg/kg
Xylene	cATpE	1100 mg/kg
Ethylbenzene	LC50, rabbit	15,354 mg/kg

**Inhalation:** Based on available data on components, the classification criteria are not met. ATE-mix: 82.31 mg/l (vapor). Excessive inhalation of vapors will irritate the eyes and respiratory tract and cause dizziness, headache and other central nervous system effects.

Substance	Test	Result
Xylene	LC50 inhalation, rat	5000 ppm, 4 h
Xylene	LCLo, human	10,000 ppm, 6 h
Xylene	cATpE	11 mg/l
Ethylbenzene	LC50 inhalation, rat	17.2 mg/l, 4 h

**Skin corrosion/irritation:** Causes skin irritation.

**Serious eye damage/irritation:** Direct eye contact will cause eye irritation.

**Respiratory or skin sensitisation:** Based on available data on components, the classification criteria are not met.

**Germ cell mutagenicity:** Based on available data on components, the classification criteria are not met.

**Carcinogenicity:** The International Agency for Research on Cancer (IARC) has designated Ethylbenzene as possibly carcinogenic to humans (group 2B).

**Reproductive toxicity:** Based on available data on components, the classification criteria are not met.

**STOT – single exposure:** Not expected to cause toxicity.

**STOT – repeated exposure:** Reports have associated repeated or prolonged occupational overexposure to all solvents with permanent brain and nervous system damage. Lab animals exposed to Xylene vapor showed embryo/fetotoxic, hearing loss and liver and kidney effects.

**Aspiration hazard:** Based on available data, the classification criteria are not met.

**Other information:** None known

## SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicological data have not been determined specifically for this product. The information given below is based on a knowledge of the components and the ecotoxicology of similar substances.

### 12.1. Toxicity

Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

### 12.2. Persistence and degradability

Solvents: degradation is expected in the atmospheric environment within days to weeks; biodegradable

### 12.3. Bioaccumulative potential

Xylene and Ethylbenzene have a low potential for bioconcentration in aquatic organisms, based on experimental BCF values. The bioaccumulation of Zinc may be important in aquatic environments.

### 12.4. Mobility in soil

Liquid. Insoluble in water. In determining environmental mobility, consider the product's physical and chemical properties (see Section 9). Solvents (Xylene, Ethylbenzene): will rapidly evaporate to the air if released into the environment; expected to have moderate to high mobility in soils. Zinc: expected to exhibit low mobility in soil.

### 12.5. Results of PBT and vPvB assessment

Not available

### 12.6. Other adverse effects

None known

## SECTION 13: DISPOSAL CONSIDERATIONS

### 13.1. Waste treatment methods

Incinerate absorbed material with a properly licensed facility. Unused product is amenable to incineration or fuels blending. Check local, state and national/federal regulations and comply with the most stringent requirement. This product is classified as a hazardous waste according to 2008/98/EC.

**SECTION 14: TRANSPORT INFORMATION****14.1. UN number**

ADG/ADR/RID/ADN/IMDG/ICAO: UN1263  
 TDG: UN1263  
 US DOT: UN1263

**14.2. UN proper shipping name**

ADG/ADR/RID/ADN/IMDG/ICAO: PAINT  
 TDG: PAINT  
 US DOT: PAINT

**14.3. Transport hazard class(es)**

ADG/ADR/RID/ADN/IMDG/ICAO: 3  
 TDG: 3  
 US DOT: 3

**14.4. Packing group**

ADG/ADR/RID/ADN/IMDG/ICAO: III  
 TDG: III  
 US DOT: III

**14.5. Environmental hazards**

MARINE POLLUTANT

**14.6. Special precautions for user**

NO SPECIAL PRECAUTIONS FOR USER

**14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

NOT APPLICABLE

**14.8. Other information**

US DOT: ERG NO.127

May be shipped as Limited Quantities in packaging having a rated capacity gross weight of 66 lb. or less and in inner packages not over 5 Liters (49 CFR 173.150(b,3)).

IMDG: EmS. F-E, S-E

ADR: Classification code F1, Tunnel restriction code (D/E)

ADG HAZCHEM CODE: ●3Y HIN: 30

**SECTION 15: REGULATORY INFORMATION****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****15.1.1. EU regulations**

Authorisations under Title VII: Not applicable

Restrictions under Title VIII: None

Other EU regulations: Directive 94/33/EC on the protection of young people at work.  
 Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances (hazard category P5, Flammable Liquids).

**15.1.2. National regulations****US EPA SARA TITLE III****312 Hazards:**

Flammable liquid  
 Skin irritation  
 Specific target organ toxicity – repeated exposure

**313 Chemicals:**

Zinc	7440-66-6	70-80%
Xylene	1330-20-7	10-15%
Ethylbenzene	100-41-4	1-3%

Other national regulations: National implementation of the EC Directive referred to in section 15.1.1.

**15.2. Chemical safety assessment**

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.



**SECTION 16: OTHER INFORMATION**

**Abbreviations and acronyms:** ADG: Australian Dangerous Goods Code  
 ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways  
 ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road  
 ATE: Acute Toxicity Estimate  
 BCF: Bioconcentration Factor  
 cATpE: Converted Acute Toxicity point Estimate  
 CLP: Classification Labelling Packaging Regulation (1272/2008/EC)  
 ES: Exposure Standard  
 GHS: Globally Harmonized System  
 ICAO: International Civil Aviation Organization  
 IMDG: International Maritime Dangerous Goods  
 LC50: Lethal Concentration to 50 % of a test population  
 LD50: Lethal Dose to 50% of a test population  
 LOEL: Lowest Observed Effect Level  
 N/A: Not Applicable  
 NA: Not Available  
 NOEC: No Observed Effect Concentration  
 NOEL: No Observed Effect Level  
 OECD: Organization for Economic Co-operation and Development  
 PBT: Persistent, Bioaccumulative and Toxic substance  
 (Q)SAR: Quantitative Structure-Activity Relationship  
 REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (1907/2006/EC)  
 REL: Recommended Exposure Limit  
 RID: Regulations concerning the International Carriage of Dangerous Goods by Rail  
 SDS: Safety Data Sheet  
 STEL: Short Term Exposure Limit  
 STOT RE: Specific Target Organ Toxicity, Repeated Exposure  
 STOT SE: Specific Target Organ Toxicity, Single Exposure  
 TDG: Transportation of Dangerous Goods (Canada)  
 TWA: Time Weighted Average  
 US DOT: United States Department of Transportation  
 vPvB: very Persistent and very Bioaccumulative substance  
 WEL: Workplace Exposure Limit  
 WHMIS: Workplace Hazardous Materials Information System  
 Other abbreviations and acronyms can be looked up at [www.wikipedia.org](http://www.wikipedia.org).

**Key literature references and sources for data:** Commission des normes, de l'équité, de la santé et de la sécurité du travail (CNESST)  
 Chemical Classification and Information Database (CCID)  
 European Chemicals Agency (ECHA) - Information on Chemicals  
 Hazardous Chemical Information System (HCIS)  
 National Institute of Technology and Evaluation (NITE)  
 Swedish Chemicals Agency (KEMI)  
 U.S. National Library of Medicine Toxicology Data Network (TOXNET)

**Procedure used to derive the classification for mixtures according to Regulation (EC) No 1272/2008 [CLP]:**

Classification	Classification procedure
Flam. Liq. 3, H226	On basis of test data
Skin Irrit. 2, H315	Calculation method
STOT RE 2, H373	Calculation method
Aquatic Acute 1, H400	Calculation method
Aquatic Chronic 1, H410	Calculation method

**Relevant H-statements:** H225: Highly flammable liquid and vapour.  
 H226: Flammable liquid and vapour.  
 H304: May be fatal if swallowed and enters airways.  
 H312: Harmful in contact with skin.  
 H315: Causes skin irritation.  
 H319 : Causes serious eye irritation.  
 H332: Harmful if inhaled.  
 H335: May cause respiratory irritation.  
 H373: May cause damage to organs through prolonged or repeated exposure.  
 H400: Very toxic to aquatic life.  
 H410: Very toxic to aquatic life with long lasting effects.

**Hazard pictogram names:** Flame, health hazard, exclamation mark, environment

**Further information:** None

**Date of last revision:** 31 May 2019

**Changes to the SDS in this revision:** Sections 2.1, 2.2, 3, 4.1, 5.2, 7.1, 8.1, 9.1, 10.6, 11, 15.1, 16.

This information is based solely on data provided by suppliers of the materials used, not on the mixture itself. No warranty is expressed or implied regarding the suitability of the product for the user's particular purpose. The user must make their own determination as to suitability.