



This safety data sheet complies with the requirements of: 29CFR1910.1200

Issue Date 09-May-2015

Revision Date 29-May-2015

Version 1

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**1. IDENTIFICATION**

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**Product identifier****Product Name** Columbia Neoprene Flashing Cement**Other means of identification****Product Code** Neoprene Roofing Cement**Synonyms** None**Recommended use of the chemical and restrictions on use****Recommended Use** For repairing roofs and roof flashings.**Uses advised against** For exterior use only. Do not use indoors.**Details of the supplier of the safety data sheet**Central Petroleum Company.  
201 E Lincoln  
Walcott, Iowa 52773  
(800)553-1891**Emergency telephone number****Emergency Telephone** Call CHEMTREC Day or Night:  
Within USA and Canada: 1-800 424-9300

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**2. HAZARDS IDENTIFICATION**

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**Classification**

OSHA Regulatory Status

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

Germ cell mutagenicity	Category 1B
Carcinogenicity	Category 1A
Specific target organ toxicity (repeated exposure)	Category 1
Aspiration toxicity	Category 1
Flammable liquids	Category 3

**Label elements****Emergency Overview****Danger****Hazard statements**

May cause genetic defects

**May cause cancer**

Causes damage to organs through prolonged or repeated exposure

May be fatal if swallowed and enters airways

Flammable liquid and vapor

**Appearance** Viscous**Physical state** Liquid**Odor** Solvent (Mineral Spirits)**Precautionary Statements - Prevention****Obtain special instructions before use**

Do not handle until all safety precautions have been read and understood

**Use personal protective equipment as required**

Do not breathe dust/fume/gas/mist/vapors/spray

Wash face, hands and any exposed skin thoroughly after handling

Do not eat, drink or smoke when using this product

Keep away from heat/sparks/open flames/hot surfaces.

Keep container tightly closed when product is not in use.

**Ground/bond container and receiving equipment**

Use explosion-proof electrical/ventilating/lighting/equipment

Use only non-sparking tools

**Take precautionary measures against static discharge****Precautionary Statements - Response**

IF exposed or concerned: Get medical advice/attention

IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician

Do NOT induce vomiting

In case of fire: Use CO<sub>2</sub>, dry chemical, or foam for extinction**Precautionary Statements - Storage**

Store locked up

Store in a well-ventilated place. Keep cool

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**Hazards not otherwise classified (HNOC)**

Not applicable

**Other information**

• May be harmful in contact with skin

• Toxic to aquatic life with long lasting effects

Unknown acute toxicity

11.42475% of the mixture consists of ingredient(s) of unknown toxicity

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**3. COMPOSITION/INFORMATION ON INGREDIENTS**


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**Substance****Mixture****This product is a mixture.**

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

**Chemical nature** Solvent based asphalt coating with additives.

Chemical Name	CAS No.	Weight-%	Trade Secret
Asphalt ( at Ambient Temperature)	8052-42-4	40 - 50%	•
Mineral Spirits (with < 0.1% Benzene)	8052-41-3	10 - 20%	•
Calcium Carbonate	471-34-1	10 - 20%	•
Hydrated Aluminum-Magnesium Silicate (Attapulgite)	12174-11-7	0 - 10%	•
Cellulose Fiber	9004-34-6	0 - 10%	•
Aromatic Naptha	64742-95-6	0 - 10%	•
Kaolin	1332-58-7	0 - 10%	•
Styrene/Butadiene Copolymer	9003-55-8	0 - 10%	•
QUARTZ	14808-60-7	0 - 10%	•

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**4. FIRST AID MEASURES**


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**Description of first aid measures**

General advice	Contains petroleum distillate. Harmful or fatal if swallowed. Vapor harmful. May affect the brain or central nervous system causing dizziness, headache, or nausea. Reports have associated repeated and prolonged occupational exposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling contents may be harmful or fatal.
Eye contact	In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
Skin contact	Wash thoroughly with soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing before reuse. In the case of skin irritation or allergic reactions see a physician.
Inhalation	Move to fresh air in case of accidental inhalation of vapors. If continued difficulty with breathing is experienced, get medical attention immediately.
Ingestion	Not an expected route of exposure. If swallowed, do not induce vomiting. Get medical attention immediately.
Self-protection of the first aider	First aider: Pay attention to self-protection!.

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

Symptoms May cause skin irritation. May cause eye irritation.

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

Note to physicians Treat symptomatically.

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## 5. FIRE-FIGHTING MEASURES

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**Suitable extinguishing media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Dry chemical. Carbon dioxide (CO<sub>2</sub>). Sand. Use foam or water FOG as a last resort

**Unsuitable extinguishing media** Do not use a solid water stream as it may scatter and spread fire.

**Specific hazards arising from the chemical**

No information available.

**Hazardous combustion products** Thermal decomposition (burning) may release irritating, corrosive and/or toxic gases, vapors and fumes.

**Explosion data**

**Sensitivity to Mechanical Impact** Not sensitive.

**Sensitivity to Static Discharge** May be ignited by heat, sparks or flames.

**Protective equipment and precautions for firefighters**

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

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## 6. ACCIDENTAL RELEASE MEASURES

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**Personal precautions, protective equipment and emergency procedures**

**Personal precautions** No action should be taken involving any personal risk or without suitable training. Use personal protective equipment as required.

**Other information** Eliminate all ignition sources (no smoking, flares, sparks or flames in immediate area).

**For emergency responders** Use personal protection recommended in Section 8.

**Environmental precautions**

**Environmental precautions** Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Prevent product from entering sewers, drains, or waterways. Local authorities should be advised if significant spillages cannot be contained. See Section 12 for additional ecological information.

**Methods and material for containment and cleaning up**

**Methods for containment** Contain spillage with non-combustible absorbent material, e.g. sand, earth, diatomaceous earth, vermiculite.

**Methods for cleaning up** Pick up the absorbed material (described just above) and transfer to properly labeled containers for disposal according to local / national regulations (see Section 13).

**Prevention of secondary hazards** Clean contaminated objects and areas thoroughly observing environmental regulations.

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**7. HANDLING AND STORAGE**


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**Precautions for safe handling****Advice on safe handling**

Use personal protective equipment as required. Remove all sources of ignition. Use only outdoors.

**Conditions for safe storage, including any incompatibilities****Storage Conditions**

Keep containers tightly closed in a cool, dry, well-ventilated place. Keep away from heat, sparks, flame and other sources of ignition.

**Incompatible materials**

Strong acids. Strong oxidizing agents.

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**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**


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**Control parameters****Exposure Guidelines**

This product, as supplied, is not believed to contain any hazardous material that exceeds exposure limits established by OSHA.

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Asphalt (at Ambient Temperature) 8052-42-4	TWA: 0.5 mg/m <sup>3</sup> benzene soluble aerosol fume, inhalable fraction	-	Ceiling: 5 mg/m <sup>3</sup> , fume 15 min
Mineral Spirits (with < 0.1% Benzene) 8052-41-3	TWA: 100 ppm	TWA: 500 ppm TWA: 2900 mg/m <sup>3</sup> (vacated) TWA: 100 ppm (vacated) TWA: 525 mg/m <sup>3</sup>	IDLH: 20000 mg/m <sup>3</sup> Ceiling: 1800 mg/m <sup>3</sup> 15 min TWA: 350 mg/m <sup>3</sup>
Calcium Carbonate 471-34-1	-	-	TWA: 10 m/m <sup>3</sup> total dust TWA: 5 mg/m <sup>3</sup> respirable dust
Hydrated Aluminum-Magnesium Silicate (Attapulgitte) 12174-11-7	TWA: 1 mg/mv respirable fraction	-	-
Cellulose Fiber 9004-34-6	TWA: 10 mg/m <sup>3</sup>	TWA: 15 mg/ m <sup>3</sup> total dust TWA: 5 mg/m <sup>3</sup> respirable fraction (vacated) TWA: 5 mg/m <sup>3</sup> (vacated) STEL: 10 mg/m <sup>3</sup>	TWA: 1 mg/m <sup>3</sup>
Kaolin 1332-58-7	TWA: 2 mg/m <sup>3</sup> particulate matter containing no asbestos and <1% crystalline silica, respirable fraction	TWA: 15 mg/m total dust TWA: 5 mg/m <sup>3</sup> respirable fraction (vacated) TWA: 10 mg/m <sup>3</sup> total dust (vacated) TWA: 5 mg/m <sup>3</sup> respirable fraction	TWA: 10 m/m <sup>3</sup> total dust TWA: 5 mg/m respirable dust
Quartz 14808-60-7	-	(vacated) TWA: 0.1 mg/ m <sup>3</sup> respirable dust (30)/(%SiO <sub>2</sub> + 2) mg/m <sup>3</sup> TWA total dust (250)/(%SiO <sub>2</sub> + 5) mppcf TWA respirable fraction (10)/(%SiO <sub>2</sub> + 2) mg/m <sup>3</sup> TWA respirable fraction	IDLH: 50 mg/m <sup>3</sup> respirable dust TWA: 0.05 mg/m <sup>3</sup> respirable dust

**Appropriate engineering controls**

Engineering Controls Use natural cross ventilation, local (mechanical) pick-up, and/or general area mechanical cross ventilation. Ventilation pattern should be designed to prevent accumulation of asphalt vapors. Ventilation must be sufficient to maintain asphalt vapor concentrations below the TWA limits outlined above.

**Individual protection measures, such as personal protective equipment**

Eye/face protection	Wear safety glasses with side shields (or goggles).
Skin and body protection	Wear protective gloves and protective clothing that is resistant to chemical penetration.
Respiratory protection	No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, a NIOSH/MSHA approved respiratory protection should be worn.
General Hygiene Considerations	Wash face, hands and any exposed skin thoroughly after handling. Wash contaminated clothing before reuse.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Information on basic physical and chemical properties**

Physical state	Liquid	Odor	Solvent (Mineral Spirits)
Appearance	Viscous	Odor threshold	No information available
Color	Black		

<u>Property</u>	<u>Values</u>	<u>Remarks • method</u>
pH	N/A	Not applicable
Melting point/freezing point	No information available	
Boiling point / boiling range	No information available	
Flash point	40.5 °C   > 105 °F	Seta flash
Evaporation rate	No information available	No
Flammability (solid, gas)	information available	
Flammability Limit in Air		No data available.
Upper flammability limit:	No information available	
Lower flammability limit:	No information available	
Vapor pressure	No information available	
Vapor density	No information available	
Specific Gravity	1.08 – 1.16	Water = 1g/ml
Water solubility	Insoluble	
Solubility in other solvents	Soluble in aromatic and aliphatic solvents.	
Partition coefficient	No information available	No data available.
Autoignition temperature	No information available	
Decomposition temperature	No information available	
Kinematic viscosity	No information available	
Dynamic viscosity	No information available	
Explosive properties	Vapor accumulation could flash or explode if ignited.	
Oxidizing properties	None	

**Other Information**

Softening point	Not applicable
Molecular weight	No information available
VOC Content (%)	No information available
Density	No information available
Bulk density	Not applicable

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## 10. STABILITY AND REACTIVITY

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**Reactivity**

Not applicable

Not applicable

Chemical stability

Stable.

Possibility of Hazardous Reactions

None under normal use.

Hazardous polymerization

Hazardous polymerization does not occur.

Conditions to avoid

Avoid static discharge. Avoid heat, sparks, and open flame.

Incompatible materials

Strong acids. Strong oxidizing agents.

Hazardous Decomposition Products

Combustion may produce carbon monoxide, carbon dioxide, and other asphyxiants.

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## 11. TOXICOLOGICAL INFORMATION

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Information on likely routes of exposure**Product Information**

Toxicological testing has not been conducted for this product overall. Available toxicological data for individual ingredients are summarized below.

**Inhalation**

Avoid breathing vapors or mists.

**Eye contact**

Avoid contact with eyes. Contact with eyes may cause irritation.

**Skin contact**

May cause irritation.

**Ingestion**

If swallowed, do not induce vomiting. Get medical attention immediately. Not an expected route of exposure.

**Component Information**

- The IARC Monograph (Vol. 103, 2013, Bitumen and Bitumen Emissions) defines Asphalt as Group 2B, Possible Carcinogen to Humans'. This definition is based on studies of exposure to Asphalt fumes at elevated temperatures. The Monograph states that temperature plays an important role in determining the degree of exposure and also the carcinogenic potential of bitumen emissions. This same Monograph states that Asphalt is nonvolatile at ambient temperature. There is no data presented in the Monograph to demonstrate that Asphalt at ambient temperature is considered a carcinogen. Since the normal use of this product is at ambient temperature, the Asphalt used in this product is not listed as a carcinogen. No other national or international agency has defined Asphalt as a Carcinogen.

- • No significant exposure to Crystalline Silica (Quartz) is thought to occur during the use of products in which Crystalline Silica (Quartz) is bound to other materials, such as in paints and coatings. As one reference, see California Office of Health Hazard Assessment at: [http://www.oehha.org/prop65/CRNR\\_notices/safe\\_use/sylicasud2.html](http://www.oehha.org/prop65/CRNR_notices/safe_use/sylicasud2.html)\*\*

- The IARC Monograph (Vol 93, 2010, Carbon Black, Titanium Dioxide, Talc) states: "Operators in user industries who handle fluffy or pelleted Carbon Black during rubber, paint and ink production are expected to have significantly lower exposures to Carbon Black than workers in Carbon Black production. Other workers in user industries who handle it occasionally have little opportunity for exposure. And further. ..."End-users of these products (rubber, ink or paint) are unlikely to be exposed to airborne Carbon Black particles, which are bound within the product matrix "

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Asphalt (at Ambient Temperature) 8052-42-4	> 5000 mg/kg ( Rat )	> 2000 mg/kg ( Rabbit )	-
Calcium Carbonate 471-34-1	- 6450 mg/kg ( Rat )	-	-
Cellulose Fiber 9004-34-6	> 5 g/kg ( Rat )	> 2 g/kg ( Rabbit )	> 5800 mg/m3 ( Rat ) 4 h
Aromatic Naptha 64742-95-6	- 8400 mg/kg ( Rat )	> 2000 mg/kg ( Rabbit )	- 3400 ppm ( Rat ) 4 h
Quartz 14808-60-7	- 500 mg/kg ( Rat )	-	-

**Information on toxicological effects**

Symptoms **Inhalation of high vapor concentrations may cause symptoms like headache, dizziness, tiredness, nausea and vomiting.**

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

**Skin corrosion/irritation** Can cause skin irritation.  
**Serious eye damage/eye irritation** Irritating to eyes.  
**Irritation** Irritating to eyes, respiratory system and skin.  
**Corrosivity** Not classified.  
**Sensitization** **May cause sensitization of susceptible persons.**  
**Germ cell mutagenicity** This product does not contain any ingredients that cause germ cell mutagenicity.  
**Carcinogenicity** The table below indicates whether each agency (ACGIH, IARC, NTP, or OSHA) has listed any ingredients as a carcinogen.

Chemical Name	ACGIH	IARC	NTP	OSHA
Hydrated Aluminum-Magnesium Silicate (Attapulgate) 12174-11-7	-	Group 2B Group 3	-	X
Styrene/Butadiene Copolymer 9003-55-8	-	Group 3	-	-

**Legend****ACGIH (American Conference of Governmental Industrial Hygienists)****A 1 - Known Human Carcinogen****A2 - Suspected Human Carcinogen****A3 - Animal Carcinogen****A4 - Not Classifiable as a Human Carcinogen****IARC (International Agency for Research on Cancer)****Group 1 - Carcinogenic to Humans****Group 2A - Probably Carcinogenic to Humans****Group 2B - Possibly Carcinogenic to Humans****Group 3 - Not classifiable as a human carcinogen.****NTP (National Toxicology Program)****Known - Known Carcinogen****Reasonably Anticipated - Reasonably Anticipated to be a Human Carcinogen****OSHA (Occupational Safety and Health Administration of the US Department of Labor)****X - Present**

Reproductive toxicity None known.  
 Developmental Toxicity None known.  
 Teratogenicity None known.  
 STOT - single exposure No information available.  
 STOT - repeated exposure No information available.  
 Aspiration hazard No information available.

**Numerical measures of toxicity - No information available**



The following values are calculated based on chapter 3.1 of the GHS document for exterior use only. Do not use indoors.

ATEmix (oral)	6,817.00
ATEmix (dermal)	3,235.00

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## 12. ECOLOGICAL INFORMATION

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### Ecotoxicity

96.7275% of the mixture consists of component(s) of unknown hazards to the aquatic environment

### Persistence and degradability

No information available.

### Bioaccumulation

No information available.

Chemical Name	Partition coefficient
Asphalt (at Ambient Temperature) 8052-42-4	6

Other adverse effects No information available

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## 13. DISPOSAL CONSIDERATIONS

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### Waste treatment methods

Disposal of wastes Disposal should be in accordance with applicable local, regional, national and international laws and regulations.

Contaminated packaging Do not reuse container.

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## 14. TRANSPORT INFORMATION

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**DOT** DOT Ground: Not regulated if shipped in containers < 119 gallons (450 liters).

**TDG** unknown

**ICAO (air)** unknown

**IMDG** unknown

**RID** unknown

**ADR** unknown

**ADN** unknown

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## 15. REGULATORY INFORMATION

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### International Inventories

TSCA All of the components of this product are listed on the US TSCA (Toxic Substances Control Act) Inventory or are exempt.

DSUNDSL All of the components of this product are listed on the DSL.

**Legend:**

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory  
**DSUNDSL** - Canadian Domestic Substances List/Non-Domestic Substances List  
**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances  
**ENCS** - Japan Existing and New Chemical Substances  
**IECSC** - China Inventory of Existing Chemical Substances  
**KECL** - Korean Existing and Evaluated Chemical Substances  
**PICCS** - Philippines Inventory of Chemicals and Chemical Substances  
**AICS** - Australian Inventory of Chemical Substances

**US Federal Regulations****SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

**SARA 311/312 Hazard Categories**

<b>Acute health hazard</b>	Yes
<b>Chronic Health Hazard</b>	Yes
<b>Fire hazard</b>	Yes
<b>Sudden release of pressure hazard</b>	No
<b>Reactive Hazard</b>	No

**CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302).

**US State Regulations****California Proposition 65**

This product contains the following Proposition 65 chemicals

Chemical Name	California Proposition 65
Hydrated Aluminum-Magnesium Silicate (Attapulgite) - 12174-11-7	Carcinogen
Quartz - 14808-60-7	Carcinogen

**U.S. State Right-to-Know Regulations**

This product contains the following substances regulated by various state Right-to-Know regulations.

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Asphalt (at Ambient Temperature) 8052-42-4	X	X	X
Mineral Spirits (with < 0.1% Benzene) 8052-41-3	X	X	X
Cellulose Fiber 9004-34-6	X	X	X
Kaolin 1332-58-7	X	X	X
Quartz 14808-60-7	X	X	X

**U.S. EPA Label Information**

EPA Pesticide Registration Number Not applicable

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16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OF THE LAST REVISION

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<u>NEPA</u>	Health hazards	2	Flammability	2	Instability	0	Physical and Chemical Properties	-
<u>HMIS</u>	Health hazards	2	Flammability	2	Physical hazards	0	Personal protection	-
<i>Chronic Hazard Star Legend</i>			<i>* = Chronic Health Hazard</i>					

Prepared By FBC Administrative Services Department  
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Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet