SAFETY DATA SHEET

A-05E

Section 1. Identification

GHS product identifier : Plugs and cones, Mounted points, Dressing stones, Bench grinding wheels

SDS no. : A-05E

Product code : 12-C (101,111,121,401,421,301,302,311,321,201,202,211,221)

12-D (002,012,017,022,032,037,057,077,092,102,117,122,232,
242,272,562,572,592,652,677,712,722,732,752,782,797,807,822,842)
12-D (001,011,016,021,031,036,056,076,091,101,116,121,231,241,
261,271,561,571,591,651,676,711,721,731,751,781,796,806,821,841)
12-D (003,013,018,023,033,038,058,078,118,123,243,273,563,593,653,
678,713,723,733,783,798,808,843,900,901)

12-E (324,325,328,344,345,348,444,447,454,457,533,537,543,545,547,
553,557,643,647,653,657)
12-E (329,449,459,539,549,559,649)

Product type : Solid.

Section 1. Identification

Identified uses

Grinding with Bench grinder or straight grinder.

Supplier/Manufacturer : Walter Surface Technologies Inc.

Supplier's details : 810 Day Hill Road
Windsor, CT 06095
United States
General Information: 18665925837
www.walter.com

Emergency telephone number (with hours of operation) : INFOTRAC®
1-800-535-5053, Outside U.S.A. call collect: 1-352-323-3500
24 hours/day, 7 days/week.

Section 2. Hazards identification

OSHA/HCS status : While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.

Classification of the substance or mixture : Not classified.

This product is an Article under the United States Hazard Communication systems, WHMIS 2015 and Mexican NMX-R-019. Therefore it is EXEMPTED from the regulatory requirements under HCS, WHMIS 2015 and the NMX R-019.

GHS label elements

Signal word : No signal word.

Hazard statements : No known significant effects or critical hazards.

Precautionary statements

Prevention : Not applicable.

Response : Not applicable.

Storage : Not applicable.

Disposal : Not applicable.

Hazards not otherwise classified (HNOC)

Physical hazards not otherwise classified (PHNOC) : None known.

Health hazards not otherwise classified (HHNOC) : None known.

Section 3. Composition/information on ingredients

Substance/mixture : Mixture

CAS number/other identifiers

CAS number : Not applicable.

Ingredient name	%	CAS number
Rubber, natural	5 - 30	9006-04-6
Phenol	2 - 20	108-95-2
Crystalline silica, quartz	0 - 5	14808-60-7
Feldspar-group minerals	0 - 5	68476-25-5
Potassium tetrafluoroaluminate	0 - 2	14484-69-6
Sulfur	0 - 2	7704-34-9

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First aid measures

Description of necessary first aid measures

Eye contact : Not a likely route of exposure.

Inhalation : Not a likely route of exposure.

Skin contact : Flush contaminated skin with plenty of water. Get medical attention if symptoms occur.

Ingestion : Not a likely route of exposure. Get medical attention if symptoms occur.

Most important symptoms/effects, acute and delayed

Potential acute health effects

Eye contact : No known significant effects or critical hazards.

Inhalation : No known significant effects or critical hazards.

Skin contact : No known significant effects or critical hazards.

Ingestion : No known significant effects or critical hazards.

Over-exposure signs/symptoms

Eye contact : No known significant effects or critical hazards.

Inhalation : No known significant effects or critical hazards.

Skin contact : No known significant effects or critical hazards.

Ingestion : No known significant effects or critical hazards.

Indication of immediate medical attention and special treatment needed, if necessary

Notes to physician : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

Specific treatments : No specific treatment.

Protection of first-aiders : No action shall be taken involving any personal risk or without suitable training.

See toxicological information (Section 11)

Section 5. Fire-fighting measures

Extinguishing media

Suitable extinguishing media : Use an extinguishing agent suitable for the surrounding fire.

Unsuitable extinguishing media : None known.

Specific hazards arising from the chemical : No specific fire or explosion hazard.

Hazardous thermal decomposition products : Decomposition products may include the following materials:
carbon dioxide
carbon monoxide
sulfur oxides
halogenated compounds
metal oxide/oxides

Special protective actions for fire-fighters : No special measures are required.

Special protective equipment for fire-fighters : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Section 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel : No action shall be taken involving any personal risk or without suitable training. Keep unnecessary and unprotected personnel from entering.

For emergency responders : If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

Environmental precautions : N/A, solid material

Methods and materials for containment and cleaning up

Small spill : N/A, solid material

Large spill : N/A, solid material

Section 7. Handling and storage

Precautions for safe handling

Protective measures : Put on appropriate personal protective equipment (see Section 8).

Advice on general occupational hygiene : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. See also Section 8 for additional information on hygiene measures. Remove contaminated clothing and protective equipment before entering eating areas.

Conditions for safe storage, including any incompatibilities : Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

Section 8. Exposure controls/personal protection

Control parameters

United States

Occupational exposure limits

Ingredient name	Exposure limits
Rubber, natural	**ACGIH TLV (United States, 3/2015). Absorbed through skin. Skin sensitizer. Inhalation sensitizer.** TWA: 0.0001 mg/m³, (inhalable allergenic proteins) 8 hours. Form: Inhalable fraction
Phenol	**ACGIH TLV (United States, 3/2015). Absorbed through skin.** TWA: 19 mg/m³ 8 hours. TWA: 5 ppm 8 hours. **NIOSH REL (United States, 10/2013). Absorbed through skin.** CEIL: 60 mg/m³ 15 minutes. CEIL: 15.6 ppm 15 minutes. TWA: 19 mg/m³ 10 hours. TWA: 5 ppm 10 hours. **OSHA PEL (United States, 2/2013). Absorbed through skin.** TWA: 19 mg/m³ 8 hours. TWA: 5 ppm 8 hours. **OSHA PEL 1989 (United States, 3/1989). Absorbed through skin.** TWA: 5 ppm 8 hours. TWA: 19 mg/m³ 8 hours.
Crystalline silica, quartz	**OSHA PEL Z3 (United States, 2/2013).** TWA: 10 MG/M3 / (%SiO2+2) 8 hours. Form: Respirable TWA: 250 MPPCF / (%SiO2+5) 8 hours. Form: Respirable **OSHA PEL 1989 (United States, 3/1989).** TWA: 0.1 mg/m³, (as quartz) 8 hours. Form: Respirable dust **ACGIH TLV (United States, 3/2015).** TWA: 0.025 mg/m³ 8 hours. Form: Respirable fraction **NIOSH REL (United States, 10/2013).** TWA: 0.05 mg/m³ 10 hours. Form: Respirable dust
Sulfur	**ACGIH TLV (United States).** TWA: 10 mg/m³ 8 hours. Form: Nuisance dust. **OSHA PEL (United States).** TWA: 15 mg/m³ 8 hours. Form: Nuisance dust.

Canada

Occupational exposure limits		TWA (8 hours)			STEL (15 mins)			Ceiling			
Ingredient	List name	ppm	mg/m³	Other	ppm	mg/m³	Other	ppm	mg/m³	Other	Notations
Aluminium oxide	US ACGIH 3/2015	-	1	-	-	-	-	-	-	-	[a]
	AB 4/2009	-	10	-	-	-	-	-	-	-	
	BC 2/2015	-	1	-	-	-	-	-	-	-	[b]
	ON 7/2015	-	1	-	-	-	-	-	-	-	[a]
Aluminium oxide, as Al	QC 1/2014	-	10	-	-	-	-	-	-	-	[c]
Phenol	US ACGIH 3/2015	5	19	-	-	-	-	-	-	-	[1]
	AB 4/2009	5	19	-	-	-	-	-	-	-	[1]
	BC 2/2015	5	-	-	-	-	-	-	-	-	[1]
	ON 7/2015	5	19	-	-	-	-	-	-	-	[1]
	QC 1/2014	5	19	-	-	-	-	-	-	-	[1]
Glass, oxide, chemicals	US ACGIH 3/2015	-	5	-	-	-	-	-	-	-	[d]
	US ACGIH 3/2015	-	-	1 f/cc	-	-	-	-	-	-	[e]
	AB 4/2009	-	5	1 f/cc	-	-	-	-	-	-	[f]
		-	5	-	-	-	-	-	-	-	[g]
	BC 2/2015	-	5	-	-	-	-	-	-	-	[h]
		-	-	1 f/cc	-	-	-	-	-	-	
	ON 7/2015	-	10	-	-	-	-	-	-	-	[i]
		-	5	-	-	-	-	-	-	-	[j]
		-	-	1 f/cc	-	-	-	-	-	-	[k]
	QC 1/2014	-	-	1 f/cc	-	-	-	-	-	-	[l]
		-	10	-	-	-	-	-	-	-	[c]
Kaolin	US ACGIH 3/2015	-	2	-	-	-	-	-	-	-	[a]
	AB 4/2009	-	2	-	-	-	-	-	-	-	[b]
	BC 2/2015	-	2	-	-	-	-	-	-	-	[b]
	ON 7/2015	-	2	-	-	-	-	-	-	-	[a]
	QC 1/2014	-	5	-	-	-	-	-	-	-	[m]
Crystalline silica, quartz	US ACGIH 3/2015	-	0.025	-	-	-	-	-	-	-	[a]

Section 8. Exposure controls/personal protection

	AB 4/2009	-	0.025	-	-	-	-	-	-	-	[n]
	BC 2/2015	-	0.025	-	-	-	-	-	-	-	[b]
	ON 7/2015	-	0.1	-	-	-	-	-	-	-	[o]
	QC 1/2014	-	0.1	-	-	-	-	-	-	-	[m]
Sulfur	US ACGIH	-	10	-	-	-	-	-	-	-	[p]
	AB 4/2009	-	10	-	-	-	-	-	-	-	
Silicon carbide	US ACGIH 3/2015	-	10	-	-	-	-	-	-	-	[d]
	US ACGIH 3/2015	-	-	0.1 f/cc	-	-	-	-	-	-	[e]
		-	3	-	-	-	-	-	-	-	[a]
	AB 4/2009	-	-	0.1 f/cc	-	-	-	-	-	-	[q]
		-	3	-	-	-	-	-	-	-	[r]
		-	10	-	-	-	-	-	-	-	[s]
	BC 2/2015	-	10	-	-	-	-	-	-	-	[h]
		-	3	-	-	-	-	-	-	-	[b]
		-	-	0.1 f/cc	-	-	-	-	-	-	
	ON 7/2015	-	10	-	-	-	-	-	-	-	[j]
		-	-	0.1 f/cc	-	-	-	-	-	-	[k]
		-	3	0.1 f/cc	-	-	-	-	-	-	[o]
		-	3	-	-	-	-	-	-	-	[t]
	QC 1/2014	-	10	-	-	-	-	-	-	-	[c]
Rubber, natural, inhalable allergenic proteins	US ACGIH 3/2015	-	0.0001	-	-	-	-	-	-	-	[1][3][4] [d]
Rubber, natural, as total proteins	AB 4/2009	-	0.001	-	-	-	-	-	-	-	[1]
	BC 2/2015	-	0.001	-	-	-	-	-	-	-	[1][3] [h]
Rubber, natural, inhalable allergenic proteins	ON 7/2015	-	0.0001	-	-	-	-	-	-	-	[1][3] [d]
Talc	US ACGIH 3/2015	-	2	-	-	-	-	-	-	-	[a]
	AB 4/2009	-	2	-	-	-	-	-	-	-	[n]
	BC 2/2015	-	2	-	-	-	-	-	-	-	[b]
		-	-	0.1 f/cc	-	-	-	-	-	-	
	ON 7/2015	-	2	-	-	-	-	-	-	-	[o]
		-	2	-	-	-	-	-	-	-	[t]
		-	-	2 f/cc	-	-	-	-	-	-	
	QC 1/2014	-	3	-	-	-	-	-	-	-	[m]

[3]Skin sensitization

Form: [a]Respirable fraction [b]Respirable [c]Total dust [d]Respirable dust [e]Inhalable [f]Fume [g]Dust [h]Dust and fumes [i]Inhalable fraction. [j]Respirable fibers. [k]Fiber [l]Fiber, total particulate

Mexico

Ingredient name	Exposure limits
Aluminium oxide	**NOM-010-STPS (Mexico, 9/2000).** LMPE-PPT: 10 mg/m³ 8 hours.
Silicon carbide	**NOM-010-STPS (Mexico, 9/2000).** LMPE-PPT: 10 mg/m³ 8 hours. LMPE-CT: 20 mg/m³ 15 minutes.
Rubber, natural	**ACGIH TLV (United States, 3/2015). Absorbed through skin. Skin sensitizer. Inhalation sensitizer.** TWA: 0.0001 mg/m³, (inhalable allergenic proteins) 8 hours. Form: Inhalable fraction
Phenol	**NOM-010-STPS (Mexico, 9/2000). Absorbed through skin.** LMPE-CT: 38 mg/m³ 15 minutes. LMPE-CT: 10 ppm 15 minutes. LMPE-PPT: 19 mg/m³ 8 hours. LMPE-PPT: 5 ppm 8 hours.
Glass, oxide, chemicals	**ACGIH TLV (United States, 3/2015).** TWA: 5 mg/m³ 8 hours. Form: Inhalable fraction TWA: 1 f/cc 8 hours. Form: Respirable fibers: length > 5µm; aspect ratio ≥ 3:1, as determined by the membrane filter method at 400-450 times magnification (4-mm objective), using phase-contrast illumination.
Kaolin	**NOM-010-STPS (Mexico, 9/2000).** LMPE-PPT: 10 mg/m³ 8 hours. LMPE-CT: 20 mg/m³ 15 minutes.
Talc	**NOM-010-STPS (Mexico, 9/2000).** LMPE-PPT: 3 mg/m³ 8 hours. Form: breathable powder LMPE-PPT: 6 mg/m³ 8 hours. Form: inhalable powder LMPE-PPT: 2 mg/m³ 8 hours.
Crystalline silica, quartz	**NOM-010-STPS (Mexico, 9/2000).** LMPE-PPT: 0.1 mg/m³ 8 hours.
Sulfur	**ACGIH TLV (United States).** TWA: 10 mg/m³ 8 hours. Form: Nuisance dust.

Section 8. Exposure controls/personal protection

Appropriate engineering controls : Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

Environmental exposure controls : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation.

Individual protection measures

Hygiene measures : Follow good industrial hygiene practice.

Eye/face protection : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.

Skin protection

Hand protection : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

Body protection : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Other skin protection : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Respiratory protection : Use a properly fitted, particulate filter respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Section 9. Physical and chemical properties

Appearance

Physical state : Solid.

Color : Variable.

Odor : None.

Odor threshold : Not applicable.

pH : Not applicable.

Melting point : Not available.

Boiling point : Not available.

Flash point : Not applicable.

Evaporation rate : Not applicable.

Flammability (solid, gas) : Not available.

Lower and upper explosive (flammable) limits : Not applicable.

Vapor pressure : Not applicable.

Vapor density : Not applicable.

Relative density : Not available.

Solubility : Not available.

Partition coefficient: n-octanol/water : Not applicable.

Auto-ignition temperature : Not available.

Section 9. Physical and chemical properties

Decomposition temperature : Not available.

Viscosity : Not applicable.

Volatility : Not available.

VOC (w/w) : 20 % (w/w)

Section 10. Stability and reactivity

Reactivity : No specific test data related to reactivity available for this product or its ingredients.

Chemical stability : The product is stable.

Possibility of hazardous reactions : Under normal conditions of storage and use, hazardous reactions will not occur.

Conditions to avoid : No specific data.

Incompatible materials : Reactive or incompatible with the following materials: oxidizing materials and acids.

Hazardous decomposition products : Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11. Toxicological information

Information on toxicological effects

Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
Phenol	LC50 Inhalation Vapor LD50 Dermal LD50 Dermal LD50 Oral	Rat Rabbit Rat Rat	316 mg/m³ 630 mg/kg 669 mg/kg 317 mg/kg	4 hours - - -

Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
Phenol	Eyes - Severe irritant Skin - Severe irritant Eyes - Mild irritant Skin - Severe irritant Skin - Mild irritant	Rabbit Rabbit Rabbit Pig Rabbit	- - - - -	5 mg 535 mg 0.5 minutes 5 mg 0.5 minutes 400 µL 100 mg	- - - - -

Sensitization

There is no data available.

Carcinogenicity

Classification

Product/ingredient name	OSHA	IARC	NTP	ACGIH	EPA	NIOSH
Aluminium oxide	-	-	-	A4	-	-
Silicon carbide	-	2A	-	A2	-	-
Phenol	-	3	-	A4	-	None.
Glass, oxide, chemicals	-	3	-	A4	-	-
Kaolin	-	-	-	A4	-	-
Talc	-	3	-	A4	-	-
Crystalline silica, quartz	-	1	Known to be a human carcinogen.	A2	-	+

Specific target organ toxicity (single exposure)

There is no data available.

Section 11. Toxicological information

Specific target organ toxicity (repeated exposure)

Name	Category	Route of exposure	Target organs
Phenol	Category 2	Not determined	Not determined
Crystalline silica, quartz	Category 1	Inhalation	kidneys, respiratory tract and testes
Potassium tetrafluoroaluminate	Category 1	Inhalation	respiratory tract

Aspiration hazard

There is no data available.

Information on the likely routes of exposure : Inhalation. Ingestion.

Potential acute health effects

Eye contact : No known significant effects or critical hazards.

Inhalation : No known significant effects or critical hazards.

Skin contact : No known significant effects or critical hazards.

Ingestion : No known significant effects or critical hazards.

Symptoms related to the physical, chemical and toxicological characteristics

Eye contact : No known significant effects or critical hazards.

Inhalation : No known significant effects or critical hazards.

Skin contact : No known significant effects or critical hazards.

Ingestion : No known significant effects or critical hazards.

Delayed and immediate effects and also chronic effects from short and long term exposure

Short term exposure

Potential immediate effects : No known significant effects or critical hazards.

Potential delayed effects : No known significant effects or critical hazards.

Long term exposure

Potential immediate effects : No known significant effects or critical hazards.

Potential delayed effects : No known significant effects or critical hazards.

Potential chronic health effects

General : No known significant effects or critical hazards.

Carcinogenicity : No known significant effects or critical hazards.

Mutagenicity : No known significant effects or critical hazards.

Teratogenicity : No known significant effects or critical hazards.

Developmental effects : No known significant effects or critical hazards.

Fertility effects : No known significant effects or critical hazards.

Numerical measures of toxicity

Acute toxicity estimates

There is no data available.

Section 12. Ecological information

Toxicity

Product/ingredient name	Result	Species	Exposure
Phenol	Acute EC50 61.1 µg/L Fresh water	Algae - Pseudokirchneriella subcapitata	96 hours
	Acute EC50 36 mg/L Marine water	Algae - Hormosira banksii - Gamete	72 hours
	Acute EC50 94 mg/L Fresh water	Aquatic plants - Lemna aequinoctialis	96 hours
	Acute EC50 4200 µg/L Fresh water	Daphnia - Daphnia magna	48 hours
	Acute LC50 800 µg/L Marine water	Crustaceans - Archaeomysis kokuboi - Juvenile (Fledgling, Hatchling, Weanling)	48 hours
	Acute LC50 1.75 µg/L Fresh water	Fish - Cyprinus carpio - Larvae	96 hours
	Chronic EC10 969 µg/L Fresh water	Algae - Pseudokirchneriella subcapitata - Exponential growth phase	72 hours
	Chronic NOEC 1.5 mg/L Fresh water	Daphnia - Daphnia magna	21 days
	Chronic NOEC 118 µg/L Fresh water	Fish - Oncorhynchus mykiss	90 days
Sulfur	Acute LC50 >100 ppm Fresh water	Fish - Oncorhynchus mykiss	96 hours

Persistence and degradability

There is no data available.

Bioaccumulative potential

Product/ingredient name	$LogP_{ow}$	BCF	Potential
Phenol	1.47	647	high

Mobility in soil

Soil/water partition coefficient (K_{OC}) : Not available.

Other adverse effects : No known significant effects or critical hazards.

Section 13. Disposal considerations

Disposal methods : The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

United States - RCRA Toxic hazardous waste "U" List

Ingredient	CAS #	Status	Reference number
Phenol	108-95-2	Listed	U188

Section 14. Transport information

	DOT	TDG / NOM-003-SCT	IMDG	IATA
UN number	Not regulated.	Not regulated.	Not regulated.	Not regulated.
UN proper shipping name	-	-	-	-
Transport hazard class(es)	-	-	-	-
Packing group	-	-	-	-
Environmental hazards	No.	No.	No.	No.
Additional information	-	-	-	-

AERG : Not applicable.

Special precautions for user : **Transport within user's premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code : Not available.

Section 15. Regulatory information

U.S. Federal regulations : **United States inventory (TSCA 8b)**: At least one component is not listed.
Clean Water Act (CWA) 307: Phenol
Clean Water Act (CWA) 311: Phenol

Clean Air Act Section 112 (b) Hazardous Air Pollutants (HAPs) : Listed

Clean Air Act Section 602 Class I Substances : Not listed

Clean Air Act Section 602 Class II Substances : Not listed

DEA List I Chemicals (Precursor Chemicals) : Not listed

DEA List I Chemicals (Precursor Chemicals) : Not listed

SARA 302/304

Composition/information on ingredients

Name	%	EHS	SARA 302 TPQ (lbs)	SARA 302 TPQ (gallons)	SARA 304 RQ (lbs)	SARA 304 RQ (gallons)
Phenol	10 - 30	Yes.	500 / 10000	-	1000	-

Section 15. Regulatory information

SARA 304 RQ : 5000 lbs / 2270 kg

SARA 311/312

Classification : Not applicable.

Composition/information on ingredients

Name	%	Fire hazard	Sudden release of pressure	Reactive	Immediate (acute) health hazard	Delayed (chronic) health hazard
Rubber, natural	10 - 30	No.	No.	No.	Yes.	No.
Phenol	10 - 30	No.	No.	No.	Yes.	Yes.
Crystalline silica, quartz	1 - 5	No.	No.	No.	No.	Yes.
Feldspar-group minerals	1 - 5	No.	No.	No.	Yes.	No.
Potassium tetrafluoroaluminate	1 - 5	No.	No.	No.	Yes.	Yes.
Sulfur	1 - 5	Yes.	No.	No.	Yes.	No.

SARA 313

	Product name	CAS number	%
Form R - Reporting requirements	Aluminium oxide Phenol	1344-28-1 108-95-2	60 - 100 10 - 30
Supplier notification	Aluminium oxide Phenol	1344-28-1 108-95-2	60 - 100 10 - 30

SARA 313 notifications must not be detached from the SDS and any copying and redistribution of the SDS shall include copying and redistribution of the notice attached to copies of the SDS subsequently redistributed.

State regulations

Massachusetts : The following components are listed: Aluminium oxide; Silicon carbide; Phenol; Glass, oxide, chemicals; Talc; Crystalline silica, quartz; Sulfur

New York : The following components are listed: Phenol

New Jersey : The following components are listed: Aluminium oxide; Silicon carbide; Phenol; Kaolin; Talc; Crystalline silica, quartz; Sulfur

Pennsylvania : The following components are listed: Aluminium oxide; Silicon carbide; Phenol; Kaolin; Talc; Crystalline silica, quartz; Sulfur

California Prop. 65

WARNING: This product contains a chemical known to the State of California to cause cancer.

Ingredient name	Cancer	Reproductive	No significant risk level	Maximum acceptable dosage level
Crystalline silica, quartz	Yes.	No.	No.	No.

Canada

Canadian lists

Canadian NPRI : The following components are listed: Aluminium oxide; Phenol

CEPA Toxic substances : None of the components are listed.

Canada inventory : At least one component is not listed in DSL but all such components are listed in NDSL.

International lists

National inventory

Australia : Not determined.

China : Not determined.

Europe : All components are listed or exempted.

Section 15. Regulatory information

Japan	:	Not determined.
Malaysia	:	Not determined.
New Zealand	:	All components are listed or exempted.
Philippines	:	Not determined.
Republic of Korea	:	All components are listed or exempted.
Taiwan	:	All components are listed or exempted.

Section 16. Other information

History

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Notice to reader

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