

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations Issue date: 1/13/2023 Revision date: 1/13/2023 Supersedes: 3/2/2021

SECTION 1: Identification				
1.1. Identification				
roduct form	: Mixture			
vroduct name CAS-No.	: Pot Coat A : Mixture			
Product code	: 3105			
Other means of identification	: Alumina-Silicate \	Net Air Set Mortar-Slu	rry	
.2. Recommended use and restrictions				
lse of the substance/mixture Recommended use	: Refractory : Industrial use			
I.3. Supplier	. maasmarase			
tesco Products, Inc. One Robinson Plaza, Suite 300 600 Steubenville Pike Pittsburgh, PA, 15205 Inited States 12-494-4491 SDS@RescoProducts.com - WWW.RescoProduct	<u>sts.com</u>			
.4. Emergency telephone number				
mergency number		NLY (CHEMTREC) US anada +1 703-741-597		00-424-9300
SECTION 2: Hazard(s) identification				
2.1. Classification of the substance or m	ixture			
GHS US classification		215	akin irritation	
kin corrosion/irritation Category 2 Berious eye damage/eye irritation Category 2B Carcinogenicity Category 1A Full text of H statements : see section 16	Н	320 Causes	skin irritation eye irritation use cancer (After	drying or heating, Inhalation)
2.2. GHS Label elements, including preca	autionary statements	5		
BHS US labeling lazard pictograms (GHS US)				
ignal word (GHS US)	: Danger			
lazard statements (GHS US)	: H315 - Causes sk H319 - Causes se	kin irritation erious eye irritation		
Precautionary statements (GHS US)	H350 - May cause : P202 - Do not har P280 - Wear eye P305+P351+P33 contact lenses, if P332+P313 - If sl	e cancer (After drying on ndle until all safety pre protection, protective of	cautions have be gloves, protective cautiously with w p. Continue rinsin et medical advice/	en read and understood. e clothing. rater for several minutes. Remove ng. /attention.
2.3. Other hazards which do not result in	classification			
lo additional information available				
2.4. Unknown acute toxicity (GHS US)				
lo additional information available				
SECTION 3: Composition/Information	n on ingredients			
3.1. Substances				
B.1. Substances lot applicable				
lot applicable		Product identifi CAS-No.: 14808-6		GHS US classification Carc. 1A, H350

Safety Data Sheet

SECTION 4: First-aid measures	
4.1. Description of first aid measures	
First-aid measures general	: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
First-aid measures after inhalation	: Allow affected person to breathe fresh air. Allow the victim to rest.
First-aid measures after skin contact	: Gently wash with plenty of soap and water. Take off contaminated clothing and wash it before
First-aid measures after eye contact	 reuse. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
First-aid measures after ingestion	: Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.
4.2. Most important symptoms and effects	(acute and delayed)
Potential Adverse human health effects and symptoms	: Based on available data, the classification criteria are not met.
Symptoms/effects after inhalation	: After drying or heating. May cause cancer by inhalation. Danger of serious damage to health by prolonged exposure through inhalation.
Symptoms/effects after skin contact	: Causes skin irritation.
Symptoms/effects after eye contact	: Causes serious eye irritation.
4.3. Immediate medical attention and specia	al treatment, if necessary
No additional information available	
SECTION 5: Fire-fighting measures	
5.1. Suitable (and unsuitable) extinguishing	j media
Suitable extinguishing media Unsuitable extinguishing media	 Use extinguishing media appropriate for surrounding fire. No unsuitable extinguishing media known.
5.2. Specific hazards arising from the chem	ical
Fire hazard	: Not flammable.
5.3. Special protective equipment and preca	autions for fire-fighters
Firefighting instructions	: Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering
Protection during firefighting SECTION 6: Accidental release measur	environment. : Do not enter fire area without proper protective equipment, including respiratory protection.
6.1. Personal precautions, protective equip	
6.1.1. For non-emergency personnel	ment and emergency procedules
Emergency procedures	: If spilled, may cause the floor to be slippery.
6.1.2. For emergency responders	
Protective equipment Emergency procedures	: Equip cleanup crew with proper protection. : Stop release.
6.2. Environmental precautions	
Prevent entry to sewers and public waters. Notify au	thorities if liquid enters sewers or public waters
6.3. Methods and material for containment	
	: Plug the leak, cut off the supply.
Methods for cleaning up	: Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage.
6.4. Reference to other sections	
See Heading 8. Exposure controls and personal prot	ection.
SECTION 7: Handling and storage	
7.1. Precautions for safe handling	
Precautions for safe handling Hygiene measures	 Avoid contact with eyes. Avoid contact with skin. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.
7.2. Conditions for safe storage, including a	
Storage conditions	: Store in original container. Keep container closed when not in use.
Incompatible products	: Strong bases. Strong acids.
SECTION 8: Exposure controls/person	al protection
8.1. Control parameters	

Safety Data Sheet

Pot Coat A (Mixture)	
No additional information available	
sodium silicate, alkaline 1.6/2.6, 35%≤conc	≤55%, aqueous solutions (1344-09-8)
No additional information available	
quartz (14808-60-7)	
USA - ACGIH - Occupational Exposure Limits	
ACGIH OEL TWA	0.025 mg/m ³ (Silica-Crystalline Quartz; USA; Time-weighted average exposure limit 8 h; TLV - Adopted Value; Respirable fraction)
USA - OSHA - Occupational Exposure Limits	
Local name	Silica, crystalline quartz, respirable dust
OSHA PEL (TWA) [1]	0.05 mg/m³ respirable dust
Remark (OSHA)	(3) See Table Z-3.
8.2. Appropriate engineering controls	
Appropriate engineering controls	: Emergency eye wash fountain with clean water.
8.3. Individual protection measures/Persona	al protective equipment
Personal protective equipment: Avoid all unnecessary exposure.	
Hand protection:	
Wear protective gloves.	
Eye protection:	
Chemical goggles or safety glasses	
Skin and body protection:	
Wear suitable protective clothing	
Respiratory protection:	
After air drying or heating. Dust when sawing or tear	r out. Wear appropriate mask
Other information: Do not eat, drink or smoke during use.	
SECTION 9: Physical and chemical pro	nerties
9.1. Information on basic physical and chem	·
Physical state	: Liquid
Appearance	: Slurry.
Color	: light brown
Odor Odor threshold	: earthy : No data available
рН	: >10
Melting point Freezing point	: > 2000 °F : ≈ 32 °F
Boiling point	: ~ 32 F : Not applicable
Critical temperature	: Not applicable
Flash point	: Not applicable
Relative evaporation rate (butyl acetate=1) Flammability (solid, gas)	: No data available : Non flammable.
Vapor pressure	: No data available
Relative vapor density at 20°C	: No data available
Relative density	: ≈ 1.5 Moderately soluble in water
Solubility Partition coefficient n-octanol/water (Log Pow)	: Moderately soluble in water. : No data available
Auto-ignition temperature	: Not applicable
Decomposition temperature	: No data available
Viscosity, kinematic	: Not Applicable
Viscosity, dynamic Explosion limits	: No data available : No data available
Explosive properties	: No data available

Safety Data Sheet

Oxdelarge properties : No data available S2. Other information SECTION 10: Stability and reactivity S2. Chrein formation available SECTION 10: Stability and reactivity S2. Chrein formation available Section 10: Stability and reactivity Arr Sating. Section 10: Stability of hazardous reactions Not established. Not established. 10.3. Possibility of hazardous reactions Not established. 10.4. Conditions to avoid Not destablished. 10.5. Incompatible materials Storng acids. Storng bases. 10.6. Incompatible materials Storng acids. Storng bases. 10.6. Information on toxicological information Ither normal contitions of storage and use, hazardous decomposition products should not be produced. SECTION 11: Toxicological information Ither normal contitions of storage and use, hazardous decomposition (1344-09-8) Lb60 oral rat > 2000 mg/kg (Ral, Oral) Shi corresson/infaiton : Causes skin Intalion. pH 11-13 quartz (14808-60-7) pH pH 11-13 quartz (14808-60-7) pH pH 11-13 quartz (14808-60-7) pH pH 11-13				
No additional information available SECTION 10: Stability and reactivity SECTION 10: Stability of neartivity Ar Setting. 10.1. Reactivity Ar Setting. 10.2. Chemical stability Not estabilished. 10.5. Conditions to avoid No additional information available 10.5. Incompatible materials Strong axids. Strong bases. 10.6. Hazardous decomposition products 10.6. Hazardous decomposition products should not be produced. SECTION 11: Toxicological information SECTION 11: Toxicological information Sectivity (ral) Acute toxicity (dema) Experiments on toxicological effects Acute toxicity (dema) Sin correson/inflation Since resonation Since R		: No data available		
SECTION 10: Stability and reactivity 10.1. Reactivity Ar Setting. 10.2. Chemical stability Not established. 10.3. Possibility of hazardous reactions Not established. 10.4. Conditions to avoid No established. 10.5. Incompatible materials Storng acids. Strong bases. 10.6. Information on toxicological information 11.1. Information on toxicological effects Acute toxicity (rent) : Not classified Acute toxicity (nethaltor) : Not classified sociau solinitiation : Doom myfic (Ret. Oral) Skin corrosion/irritation : Dates skin irritation. pH 11-13 quartz (14808-60-7) FA = 7 Serium silicate, alkaline 1.6/2.6, 35%/sconcc55%, aqueous solutions (1344-09-8) pH 11-13 quartz (14808-60-7) FA = 7 pH 11-13 quartz (14808-60-7) : Causes eyn irritation. <td></td> <td></td>				
10.1. Reactivity Air Setting. 10.2. Chemical stability Not estabilished. 10.3. Possibility of hazardous reactions Not estabilished. 10.4. Conditions to avoid No additional information available 10.5. Incompatible materials Strong acids. Strong bases. 10.6. Hazardous decomposition products Strong acids. Strong bases. 10.6. Hazardous decomposition products Strong acids. Strong bases. 10.6. Hazardous decomposition products Strong acids. Strong bases. 10.6. Hazardous decomposition products should not be produced. SECTION 11: Toxicological effects Acute toxicity (demail) : Not classified Acute toxicity (demail) : Solues skin inflation. pit > 10 > 2000 mg/kg (Rat, Oral) Skin corrosion/inflation : Causes skin inflation. pH 1 - 13 quartz (14808-60-7) PH	No additional information available			
Ar Setting. 10.2. Chemical stability No testabilished. 10.3. Possibility of hazardous reactions No testabilished. 10.4. Conditions to avoid No additional information available 10.5. Incompatible materials Strong acids. Strong bases. 10.6. Hazardous decomposition products Under normal conditions of storage and use, hazardous decomposition products should not be produced. SECTION 11: Toxicological information 11.1. Information on toxicological effects Acute toxicity (derma) Sodium silicate, alkaline 1.6/2.6, 35%/sconc555%, aqueous solutions (1344-09-8) LD50 oral rat Sodium silicate, alkaline 1.6/2.6, 35%/sconc555%, aqueous solutions (1344-09-8) PH 11.1 and quartz (14808-60-7) PH 6 - 7 Serious eye damage/initation causes eye initation. pH 1 1 - 13 quartz (14808-60-7) PH 6 - 7 Regioratory or shin sensitization causes solutions (1344-09-8) PH 6 - 7 Regioratory or shin sensitization causes color (1344-09-8) PH 6 - 7 Regioratory or shin sensitization causes color (1344-09-8) PH 6 - 7 Regioratory cause color (1344-09-8) PH 7 PH	SECTION 10: Stability and reactivity			
10.2. Chemical stability Not established. 10.3. Prossibility of hazardous reactions Not established. 10.4. Conditions to avoid No additional information available 10.5. Incompatible materials Storng acids. Storng bases. 10.6. Incompatible materials Storng acids. Storng bases. Storng acids. Storng bases. </td <td>10.1. Reactivity</td> <td></td>	10.1. Reactivity			
Not established. 10.3. Possibility of hazardous reactions 10.4. Conditions to avoid 10.5. Conditions to avoid 10.5. Conditions to avoid 10.5. Incompatible materials Strong acids. Strong bases. 10.6. Hazardous decomposition products 10.6. Hazardous decomposition products SECTION 11: Toxicological information SECTION 11: Toxicological information 11.1. Information on toxicological effects Acute toxicity (demat) Solicate, alkaline 1.6/2.6, 35%.sconc555%, aqueous solutions (1344-09-8) DH H 11- 13 quartz (14808-60-7) PH 1- 10 PH 1- 13 PH 2- 7 PH				
10.3. Possibility of hazardous reactions Not established. 10.4. Conditions to avoid No additional information available 10.5. Incompatible materials Storing acks. Strong bases. 10.6. Incomditions of storage and use, hazardous decomposition products should not be produced. SECTION 11: Toxicological information 11.1. Information on toxicological effects Acute toxicity (fermal) : Not classified Sodium silicate, alkaline 1.6/2.6, 35%.sconc:55%, aqueous solutions (1344-09-8) LD50 oral rat > 2000 mg/kg (Rat, Oral) Sodium silicate, alkaline 1.6/2.6, 35%.sconc:55%, aqueous solutions (1344-09-8) pH 11 – 13 quartz (14808-60-7) pH pH 11 – 13 guartz (14808-60-7) pH > 10 – 13 guartz (14808-60-7) pH > 11 – 13 pH 11 – 13 quartz (14808-60-7) pH pH 10 – 7 Respiratory or skin sensitzation	10.2. Chemical stability			
Not established. 10.4. Conditions to avoid No additional information available 10.5. Incompatible materials Strong acids. Strong bases. 10.6. Hazardous decomposition products Under normal conditions of storage and use, hazardous decomposition products should not be produced. SECTION 11: Toxicological information 11.1. Information on toxicological effects Acute toxicity (dermal) : Not classified Sodium silicate, alkaline 1.6/2.6, 35% > 2000 mg/kg (Rat, Oral) Skin corresion/irritation : Causes skin irritation. pH > 10 Sodium silicate, alkaline 1.6/2.6, 35% aqueous solutions (1344-09-8) pH 11 – 13 quartz (14808-60-7) pH pH 6 – 7 Serious eye damage/irritation : Causes eye irritation. pH : > 10 sodium silicate, alkaline 1.6/2.6, 35% Someos solutions (1344-09-8) pH 6 – 7 Serious eye damage/irritation : Dkt classified <	Not established.			
10.4. Conditional information available No additional information available 10.5. Incompatible materials Strong bases. 10.6. Hazardous decomposition products Under normal conditions of storage and use, hazardous decomposition products should not be produced. SECTION 11: Toxicological information 11.1. Information on toxicological effects Acute toxicity (ora) × cute toxicity (oral) × not classified sodium silicate, alkaline 1.6/2.6, 35% ≤concc55%, aqueous solutions (1344-09-8) LD50 oral rat > 2000 mg/kg (Rat, Oral) Skin corrosion/irritation : Causes skin irritation. pH: > 10 sodium silicate, alkaline 1.6/2.6, 35% ≤concc55%, aqueous solutions (1344-09-8) pH 11 – 13 quartz (14808-60-7) Fd = 7 pH 11 – 13 quartz (14808-60-7) pH = 11 – 13 pH 11 – 13 quartz (14808-60-7) pH = 6 – 7 pH 11 – 13 quartz (14808-60-7) pH = 11 – 13 quartz (14808-60-7) pH = 11 – 13 pH 11 – 13 quartz (14808-60-7) pH = 7 pH 6 – 7 </td <td>10.3. Possibility of hazardous reactions</td> <td></td>	10.3. Possibility of hazardous reactions			
No additional information available 10.5. Incompatible materials Storing acids. Storing bases. 10.6. Hazardous decomposition products Under normal conditions of storage and use, hazardous decomposition products should not be produced. SECTION 11: Toxicological information 11.1. Information on toxicological effects Acute toxicity (oral) : Not classified Acute toxicity (demai) : Not classified Acute toxicity (demai) : Not classified Acute toxicity (demai) : Not classified Sodium silicate, alkaline 1.6/2.6, 35% >2000 mg/kg (Rat, Oral) Skin corrosion/irritation : Causes skin irritation. pH 11 - 13 quartz (14808-60-7) pH pH 11 - 13 quartz (14808-60-7) pH > 11 - 13 guartz (14808-60-7) pH > 11 - 13 pH 11 - 13 quartz (14808-60-7) pH > 11 - 13 pH 11 - 13 quartz (14808-60-7) pH > 11 - 13 pH 11 - 13 quartz (14808-60-7) pH > 11 - 13 pH 11 - 13 quartz (14808-60-7) pH > 11 - 13 <td>Not established.</td> <td></td>	Not established.			
10.5. Incompatible materials Strong acids. Strong bases. 10.6. Hazardous decomposition products Under normal conditions of storage and use, hazardous decomposition products should not be produced. SECTION 11: Toxicological information 11.1. Information on toxicological effects Acute toxicity (ora) Not classified Acute toxicity (oran) Sodium silicate, alkaline 1.6/2.6, 35%≤conc≤55%, aqueous solutions (1344-09-8) LD50 oral rat > 2000 mg/kg (Rat, Oral) Skin corrosion/irritation : Causes skin irritation. pH: > 10 sodium silicate, alkaline 1.6/2.6, 35%≤conc≤55%, aqueous solutions (1344-09-8) pH 11 - 13 quartz (14808-60-7) pH pH 6 - 7 Serious sey e damage/irritation : Causes eye irritation. pH: > 10 sodium silicate, alkaline 1.6/2.6, 35%≤conc≤55%, aqueous solutions (1344-09-8) pH 6 - 7 Respiratory or skin sensitization : Not classified Gern call mutagenicity : Not classified Gern call mutage	10.4. Conditions to avoid			
Strong bases. 10.6. Hazardous decomposition products Under normal conditions of storage and use, hazardous decomposition products should not be produced. SECTION 11: Toxicological information 11.1. Information on toxicological effects Acute toxicity (arma) : Not classified Acute toxicity (derma) : Not classified Acute toxicity (inhalation) : Not classified Sodium silicate, alkaline 1.6/2.6, 35% squeous solutions (1344-09-8) LD50 oral rat > 2000 mg/kg (Rat, Oral) Skin corrosion/irritation : Causes skin irritation. pH 11 - 13 quartz (14808-60-7) pH pH 6 - 7 Sorium silicate, alkaline 1.6/2.6, 35% causes solutions (1344-09-8) pH 11 - 13 quartz (14808-60-7) pH pH 6 - 7 Sorium silicate, alkaline 1.6/2.6, 35% aqueous solutions (1344-09-8) pH 11 - 13 quartz (14808-60-7) pH pH 11 - 13 quartz (14808-60-7) pH pH 11 - 13 quartz (14808-60-7) pH pH 10	No additional information available			
10.6. Hazardous decomposition products Under normal conditions of storage and use, hazardous decomposition products should not be produced. SECTION 11: Toxicological information 11.1. Information on toxicological effects Acute toxicity (oral) : Not classified Acute toxicity (dermal) : Not classified Acute toxicity (dermal) : Not classified Sodium silicate, alkaline 1.6/2.6, 35%≤conc555%, aqueous solutions (1344-09-8) LD50 oral rat > 2000 mg/kg (Rat, Oral) Skin corrosion/irritation : Causes skin irritation. pH 11 - 13 quartz (14808-60-7) 6 - 7 pH 11 - 13 quartz (14808-60-7) pH: > 10 sodium silicate, alkaline 1.6/2.6, 35%≤conc555%, aqueous solutions (1344-09-8) pH 11 - 13 quartz (14808-60-7) F pH 10 - 7 Respiratory or skin sensitization : Not classified Germ cell mutagen	10.5. Incompatible materials			
Under normal conditions of storage and use, hazardous decomposition products should not be produced. SECTION 11: Toxicological information 11.1. Information on toxicological effects Acute toxicity (ora) i Not classified coute toxicity (oran) i Not classified coute toxicity (inhalation) i Causes skin irritation. pH: > 10 couters of the toxicity (Inhalation) i Causes skin irritation. pH: > 10 couters of the toxicity (Inhalation) i Causes skin irritation. pH: > 10 couters of the toxicity (Inhalation) i Causes skin irritation. pH: > 10 couters of the toxicity (Inhalation) i Causes skin irritation. pH: > 10 couters of the toxicity (Inhalation) i Causes skin irritation. pH: > 10 couters of the toxicity (Inhalation) i Causes eve irritation. pH: > 10 couters of the toxicity (Inhalation) i Causes eve irritation. pH: > 10 couters of the toxicity (Inhalation) i Causes eve irritation. pH: > 10 couters of the toxicity i Not classified couters of the toxicity i Not classified couter of toxicity i Not classified couter of toxicity i Not classified Couter of toxicity i Not classified SIOT-single exposure i Not classified Aspiration hazard i Not classified Not classified SIOT-single exposure i Not classified SIOT-single exposure i Not classified SIOT-single exposure i Not classified SIOT-single	Strong acids. Strong bases.			
SECTION 11: Toxicological information 11.1. Information on toxicological effects Acute toxicity (orma) Acute toxicity (dermal) i: Not classified Acute toxicity (inhalation) i: Not classified Sodium silicate, alkaline 1.6/2.6, 35% JS0 oral rat > 2000 mg/kg (Rat, Oral) Skin corrosion/initation : Causes skin initation. pH: > 10 Sodium silicate, alkaline 1.6/2.6, 35% Aute toxicity (inhalation) PH Causes skin initation. pH: > 10 Sodium silicate, alkaline 1.6/2.6, 35% PH (ause eye iritation. pH: > 10 Sorious eye damage/irritation Causes eye iritation. pH: > 10 Sodium silicate, alkaline 1.6/2.6, 35% Causes eye iritation. pH: > 10 gendeus solutions (1344-09-8) PH 1 - 13 quartz (14808-60-7) PH 1 - 1 - 13 Quartz (14808-60-7) PH 6 - 7 <td <="" colspan="2" td=""><td>10.6. Hazardous decomposition products</td><td></td></td>	<td>10.6. Hazardous decomposition products</td> <td></td>		10.6. Hazardous decomposition products	
11.1. Information on toxicological effects Acute toxicity (oral) : Not classified Acute toxicity (inhalation) : Not classified Acute toxicity (inhalation) : Not classified sodium silicate, alkaline 1.6/2.6, 35% sourcests?, aqueous solutions (1344-09-8) LD50 oral rat > 2000 mg/kg (Rat, Oral) Skin corrosion/initation : Causes skin irritation. pH :> 10 sodium silicate, alkaline 1.6/2.6, 35% sourcests?, aqueous solutions (1344-09-8) pH 11 – 13 quartz (14808-60-7) pH 6 – 7 Serious eye damage/irritation : Causes eye irritation. pH :> 10 sodium silicate, alkaline 1.6/2.6, 35% Sconcests%, aqueous solutions (1344-09-8) pH 11 – 13 quartz (14808-60-7) pH 11 – 13 guartz (14808-60-7) pH pH 11 – 13 quartz (14808-60-7) pH pH 11 – 13 quartz (14808-60-7) pH pH 11 – 13 quartz (14808-60-7) pH pH 12 – 3 grame end mutagenicity : Not classified carcinogenicity <td>Under normal conditions of storage and use, hazardo</td> <td>ous decomposition products should not be produced.</td>	Under normal conditions of storage and use, hazardo	ous decomposition products should not be produced.		
Acute toxicity (oral) : Not classified Acute toxicity (drmal) : Not classified Acute toxicity (inhalation) : Not classified sodium silicate, alkaline 1.6/2.6, 35%≤conc≤55%, aqueous solutions (1344-09-8) LD50 oral rat > 2000 mg/kg (Rat, Oral) Skin corrosion/irritation : Causes skin irritation. pH 11 – 13 quartz (14808-60-7) pH 6 – 7 Serious eye damage/irritation : Causes sye irritation. pH 11 – 13 quartz (14808-60-7) pH 6 – 7 Serious eye damage/irritation : Causes eye irritation. pH :> 10 sodium silicate, alkaline 1.6/2.6, 35%≤concc55%, aqueous solutions (1344-09-8) pH 11 – 13 quartz (14808-60-7) pH 11 – 13 quartz (14808-60-7) pH 6 – 7 Respiratory or skin sensitization : Not classified Garcinogenicity : Not classified Garcinogenicity : Not classified Stort sensified Stort sensified	SECTION 11: Toxicological information			
Acute toxicity (idemai) : Not classified Acute toxicity (inhalation) : Not classified sodium silicate, alkaline 1.6/2.6, 35% souces solutions (1344-09-8) LD50 oral rat > 2000 mg/kg (Rat, Oral) Skin corresion/irritation : Causes skin irritation. pH: > 10 sodium silicate, alkaline 1.6/2.6, 35% socius solutions (1344-09-8) pH 11 - 13 quartz (14808-60-7) pH 6 - 7 Serious eye damage/irritation : Causes eye irritation. pH: > 10 sodium silicate, alkaline 1.6/2.6, 35% solutions (1344-09-8) pH 11 - 13 quartz (14808-60-7) pH 11 - 13 sodium silicate, alkaline 1.6/2.6, 35% solutions (1344-09-8) pH 11 - 13 quartz (14808-60-7) pH 11 - 13 quartz (14808-60-7) pH 6 - 7 Respiratory or skin sensitization : Not classified Garcinogenicity : Not classified Carcinogenicity : May cause cancer (After drying or heating, Inhalation). quartz (14808-60-7) IARC group	11.1. Information on toxicological effects			
Acute toxicity (inhalation) : Not classified sodium silicate, alkaline 1.6/2.6, 35% < aqueous solutions (1344-09-8)				
sodium silicate, alkaline 1.6/2.6, 35%≤conc≤55%, aqueous solutions (1344-09-8) LD50 oral rat > 2000 mg/kg (Rat, Oral) Skin corrosion/irritation : Causes skin irritation. pH: > 10 sodium silicate, alkaline 1.6/2.6, 35%≤conc≤55%, aqueous solutions (1344-09-8) pH 11 - 13 quartz (14808-60-7) pH 6 - 7 Serious eye damage/irritation pH colspan="2">sodium silicate, alkaline 1.6/2.6, 35%≤conc≤55%, aqueous solutions (1344-09-8) pH 6 - 7 Sorious eye damage/irritation pH colspan="2">for acuse eye irritation. pH: > 10 sodium silicate, alkaline 1.6/2.6, 35%≤conc≤55%, aqueous solutions (1344-09-8) pH 11 - 13 quartz (14808-60-7) pH 6 - 7 Respiratory or skin sensitization Soti colspan="2">Not classified Germ coll mutagenicity to tassified Carcinogenic to humans Reproductive toxicity Sot classified Carcinogenic to humans Reportucive toxicity : Not classified				
LD50 oral rat > 2000 mg/kg (Rat, Oral) Skin corrosion/irritation : Causes skin irritation. pH: > 10 sodium silicate, alkaline 1.6/2.6, 35% solutions (1344-09-8) pH 11 – 13 quartz (14808-60-7) pH 6 – 7 Serious eye damage/irritation : Causes eye irritation. pH: 10 sodium silicate, alkaline 1.6/2.6, 35% solutions (1344-09-8) pH 11 – 13 quartz (14808-60-7) pH: pH 11 – 13 quartz (14808-60-7) pH: pH 11 – 13 quartz (14808-60-7) pH pH 11 – 13 quartz (14808-60-7) int – 13 quartz (14808-60-7) int – 13 germ cell mutagenicity : Not classified Garcinogenicity : May cause cancer (After drying or heating, Inhalation). quartz (14808-60-7) int - 1 - Carcinogenic to humans Reproductive toxicity : Not classified STOT-sepaeted exposure : Not classified STOT-sepaeted exposure : Not classified STOT-r				
Skin corrosion/irritation: Causes skin irritation. pH: > 10sodium silicate, alkaline 1.6/2.6, 35%concess skin irritation. pH: > 10pH11 - 13quartz (14808-60-7) pH6 - 7Serious eye damage/irritation: Causes eye irritation. pH: > 10sodium silicate, alkaline 1.6/2.6, 35%aqueous solutions (1344-09-8)pH6 - 7Serious eye damage/irritation: Causes eye irritation. pH: > 10sodium silicate, alkaline 1.6/2.6, 35%aqueous solutions (1344-09-8)pH11 - 13quartz (14808-60-7) pH6 - 7pH6 - 7Respiratory or skin sensitization: Not classified Germ cell mutagenicityGarcinogenicity: Not classified (Carcinogenicity)quartz (14808-60-7) IARC group1 - Carcinogenic to humans Reproductive toxicityRespiratory or skingle exposure: Not classified STOT-repeated exposureStot classified StoT-repeated exposure: Not classified StoT-single exposureStot classified StoT-single exposure: Not classified StoT-single exposureStot classified Stort, kinematic: Not classified Stort single exposureStot classified Stort, kinematic: Not classified Stort single exposure				
pH: > 10 sodium silicate, alkaline 1.6/2.6, 35%≤conc≤55%, aqueous solutions (1344-09-8) pH 11 – 13 quartz (14808-60-7) pH 6 – 7 Serious eye damage/irritation clauses eye irritation. pH: > 10 sodium silicate, alkaline 1.6/2.6, 35%≤conc≤55%, aqueous solutions (1344-09-8) pH 11 – 13 quartz (14808-60-7) pH 6 – 7 Respiratory or skin sensitization Not classified Germ cell mutagenicity May cause cancer (After drying or heating, Inhalation). quartz (14808-60-7) pH 1 - Carcinogenic to humans Respiratory or skin sensitization guartz (14808-60-7) I - Carcinogenic to humans Quartz (14808-60-7) IARC group 1 - Carcinogenic to humans Reporductive toxicity Not classified STOT-repeated exposure Not classified STOT-repeated exposure Not classified Stord repeated exposure Not classified Stord repeated exposure Not classified </td <td>LD50 oral rat</td> <td>> 2000 mg/kg (Rat, Oral)</td>	LD50 oral rat	> 2000 mg/kg (Rat, Oral)		
pH11 – 13quartz (14808-60-7) $6 - 7$ pH $6 - 7$ Serious eye damage/irritation: Causes eye irritation. pH: > 10sodium silicate, alkaline 1.6/2.6, 35%aqueous solutions (1344-09-8)pH11 – 13quartz (14808-60-7) FH pH $6 - 7$ Respiratory or skin sensitization: Not classifiedGerm cell mutagenicity: Not classifiedcarcinogenicity: May cause cancer (After drying or heating, Inhalation).quartz (14808-60-7)IIARC group1 - Carcinogenic to humansReproductive toxicity: Not classifiedSTOT-single exposure: Not classifiedSTOT-single exposure: Not classifiedSTOT-speated exposure: Not classifiedSTOT-repeated exposure: Not classifiedStort single exposure	Skin corrosion/irritation			
quartz (14808-60-7) pH 6 - 7 Serious eye damage/irritation : Causes eye irritation. pH: > 10 sodium silicate, alkaline 1.6/2.6, 35%≤conc≤55%, aqueous solutions (1344-09-8) pH 11 - 13 quartz (14808-60-7) pH 6 - 7 Respiratory or skin sensitization : Not classified Germ cell mutagenicity : Not classified Carcinogenicity : Not classified Quartz (14808-60-7) [ARC group] IARC group 1 - Carcinogenic to humans Reproductive toxicity : Not classified STOT-single exposure : Not classified STOT-repeated exposure : Not classified STOT-repeated exposure : Not classified STOT-single exposure : Not classified STOT-senated : Not classified STOT-senated : Not classified	sodium silicate, alkaline 1.6/2.6, 35%≤conc	≤55%, aqueous solutions (1344-09-8)		
pH 6 - 7 Serious eye damage/irritation : Causes eye irritation. pH: > 10 sodium silicate, alkaline 1.6/2.6, 35%≤conc≤55%, aqueous solutions (1344-09-8) pH 11 - 13 quartz (14808-60-7) pH 6 - 7 Respiratory or skin sensitization : Not classified Germ cell mutagenicity : Not classified Carcinogenicity : May cause cancer (After drying or heating, Inhalation). quartz (14808-60-7) IARC group IARC group 1 - Carcinogenic to humans Reproductive toxicity : Not classified STOT-single exposure : Not classified STOT-repeated exposure : Not classified Viscosity, kinematic : Not Applicable	рН	11 – 13		
Serious eye damage/irritation : Causes eye irritation. pH: > 10 sodium silicate, alkaline 1.6/2.6, 35%≤conc≤55%, aqueous solutions (1344-09-8) pH 11 – 13 quartz (14808-60-7) pH 6 – 7 Respiratory or skin sensitization : Not classified Germ cell mutagenicity : Not classified Carcinogenicity : May cause cancer (After drying or heating, Inhalation). quartz (14808-60-7) IARC group IARC group 1 - Carcinogenic to humans Reproductive toxicity : Not classified STOT-single exposure : Not classified STOT-repeated exposure : Not classified STOT, repeated exposure : Not classified Viscosity, kinematic : Not Applicable	quartz (14808-60-7)			
pH: > 10 sodium silicate, alkaline 1.6/2.6, 35%≤conc≤55%, aqueous solutions (1344-09-8) pH 11 – 13 quartz (14808-60-7) pH 6 – 7 Respiratory or skin sensitization : Not classified Germ cell mutagenicity : Not classified Carcinogenicity : May cause cancer (After drying or heating, Inhalation). quartz (14808-60-7) IARC group IARC group 1 - Carcinogenic to humans Reproductive toxicity : Not classified STOT-single exposure : Not classified STOT-repeated exposure : Not classified Viscosity, kinematic : Not classified	рН	6 – 7		
sodium silicate, alkaline 1.6/2.6, 35%≤conc≤55%, aqueous solutions (1344-09-8) pH 11 – 13 quartz (14808-60-7) pH 6 – 7 Respiratory or skin sensitization cern cell mutagenicity Not classified Carcinogenicity Quartz (14808-60-7) IARC group 1 - Carcinogenic to humans Reproductive toxicity Not classified STOT-single exposure Not classified STOT-repeated exposure Not classified Viscosity, kinematic Not Applicable	Serious eye damage/irritation			
pH 11 – 13 quartz (14808-60-7) pH 6 – 7 Respiratory or skin sensitization : Not classified Germ cell mutagenicity : Not classified Carcinogenicity : May cause cancer (After drying or heating, Inhalation). quartz (14808-60-7) IARC group IARC group 1 - Carcinogenic to humans Reproductive toxicity : Not classified STOT-single exposure : Not classified STOT-repeated exposure : Not classified Aspiration hazard : Not classified Viscosity, kinematic : Not Applicable	sodium silicate, alkaline 1.6/2.6, 35%≤conc			
pH 6 – 7 Respiratory or skin sensitization : Not classified Germ cell mutagenicity : Not classified Carcinogenicity : May cause cancer (After drying or heating, Inhalation). quartz (14808-60-7) I - Carcinogenic to humans IARC group 1 - Carcinogenic to humans Reproductive toxicity : Not classified STOT-single exposure : Not classified STOT-repeated exposure : Not classified Aspiration hazard : Not classified Viscosity, kinematic : Not Applicable				
pH 6 – 7 Respiratory or skin sensitization : Not classified Germ cell mutagenicity : Not classified Carcinogenicity : May cause cancer (After drying or heating, Inhalation). quartz (14808-60-7) I - Carcinogenic to humans IARC group 1 - Carcinogenic to humans Reproductive toxicity : Not classified STOT-single exposure : Not classified STOT-repeated exposure : Not classified Aspiration hazard : Not classified Viscosity, kinematic : Not Applicable				
Respiratory or skin sensitization : Not classified Germ cell mutagenicity : Not classified Carcinogenicity : May cause cancer (After drying or heating, Inhalation). quartz (14808-60-7) IARC group IARC group 1 - Carcinogenic to humans Reproductive toxicity : Not classified STOT-single exposure : Not classified STOT-repeated exposure : Not classified Aspiration hazard : Not classified Viscosity, kinematic : Not classified		6_7		
Germ cell mutagenicity : Not classified Carcinogenicity : May cause cancer (After drying or heating, Inhalation). quartz (14808-60-7) IARC group IARC group 1 - Carcinogenic to humans Reproductive toxicity : Not classified STOT-single exposure : Not classified STOT-repeated exposure : Not classified Aspiration hazard : Not classified Viscosity, kinematic : Not Applicable	'			
Carcinogenicity : May cause cancer (After drying or heating, Inhalation). quartz (14808-60-7) IARC group IARC group 1 - Carcinogenic to humans Reproductive toxicity : Not classified STOT-single exposure : Not classified STOT-repeated exposure : Not classified Aspiration hazard : Not classified Viscosity, kinematic : Not Applicable				
quartz (14808-60-7) IARC group 1 - Carcinogenic to humans Reproductive toxicity : Not classified STOT-single exposure : Not classified STOT-repeated exposure : Not classified Aspiration hazard : Not classified Viscosity, kinematic : Not Applicable	5 ,			
Reproductive toxicity : Not classified STOT-single exposure : Not classified STOT-repeated exposure : Not classified Aspiration hazard : Not classified Viscosity, kinematic : Not Applicable				
Reproductive toxicity : Not classified STOT-single exposure : Not classified STOT-repeated exposure : Not classified Aspiration hazard : Not classified Viscosity, kinematic : Not Applicable		1 - Carcinogenic to humans		
STOT-single exposure: Not classifiedSTOT-repeated exposure: Not classifiedAspiration hazard: Not classifiedViscosity, kinematic: Not Applicable				
STOT-repeated exposure : Not classified Aspiration hazard : Not classified Viscosity, kinematic : Not Applicable				
Viscosity, kinematic : Not Applicable	•	: Not classified		
	Aspiration hazard			
Recention adverse human health attacts and Recent a vallable data, the classification criteria are not mot		••		
	Potential Adverse human health effects and	: Based on available data, the classification criteria are not met.		
symptoms Symptoms/effects after inhalation : After drying or heating. May cause cancer by inhalation. Danger of serious damage to health by prolonged exposure through inhalation.				
Symptoms/effects after skin contact : Causes skin irritation.	Symptoms/effects after skin contact			
Symptoms/effects after eye contact : Causes serious eye irritation.				

Safety Data Sheet

SECTION 12: Ecological information				
12.1. Toxicity				
	5%, aqueous solutions (1344-09-8)			
LC50 - Fish [1]	dium silicate, alkaline 1.6/2.6, 35%≤conc≤55%, aqueous solutions (1344-09-8) 50 - Fish [1] 210 mg/l (96 h, Brachydanio rerio, Pure substance)			
EC50 - Crustacea [1]	216 mg/l (96 h, Daphnia magna, Pure substance)			
12.2. Persistence and degradability				
Pot Coat A (Mixture)				
	Not established.			
Persistence and degradability				
sodium silicate, alkaline 1.6/2.6, 35%≤conc≤55				
Persistence and degradability	Biodegradability: not applicable.			
Chemical oxygen demand (COD)	Not applicable			
ThOD	Not applicable			
BOD (% of ThOD)	Not applicable			
quartz (14808-60-7)				
Persistence and degradability	Not applicable.			
Biochemical oxygen demand (BOD)	Not applicable			
Chemical oxygen demand (COD)	Not applicable			
ThOD	Not applicable			
12.3. Bioaccumulative potential				
Pot Coat A (Mixture)				
Bioaccumulative potential	Not established.			
sodium silicate, alkaline 1.6/2.6, 35%≤conc≤5	5%, aqueous solutions (1344-09-8)			
Bioaccumulative potential	No bioaccumulation data available.			
quartz (14808-60-7)				
quartz (14808-60-7) Bioaccumulative potential	No data available.			
	No data available.			
Bioaccumulative potential				
Bioaccumulative potential 12.4. Mobility in soil				
Bioaccumulative potential 12.4. Mobility in soil sodium silicate, alkaline 1.6/2.6, 35%≤conc≤55	5%, aqueous solutions (1344-09-8)			
Bioaccumulative potential 12.4. Mobility in soil sodium silicate, alkaline 1.6/2.6, 35% Ecology - soil 12.5. Other adverse effects Effect on the global warming	5%, aqueous solutions (1344-09-8) No data available. None known			
Bioaccumulative potential 12.4. Mobility in soil sodium silicate, alkaline 1.6/2.6, 35%≤conc≤55 Ecology - soil 12.5. Other adverse effects Effect on the global warming Other information	5%, aqueous solutions (1344-09-8) No data available.			
Bioaccumulative potential 12.4. Mobility in soil sodium silicate, alkaline 1.6/2.6, 35%≤conc≤55 Ecology - soil 12.5. Other adverse effects Effect on the global warming Other information SECTION 13: Disposal considerations	5%, aqueous solutions (1344-09-8) No data available. None known			
Bioaccumulative potential 12.4. Mobility in soil sodium silicate, alkaline 1.6/2.6, 35%≤conc≤55 Ecology - soil 12.5. Other adverse effects Effect on the global warming Other information SECTION 13: Disposal considerations 13.1. Disposal methods	5%, aqueous solutions (1344-09-8) No data available. None known			
Bioaccumulative potential 12.4. Mobility in soil sodium silicate, alkaline 1.6/2.6, 35%≤conc≤55 Ecology - soil 12.5. Other adverse effects Effect on the global warming Other information SECTION 13: Disposal considerations 13.1. Disposal methods Product/Packaging disposal recommendations Ecology - waste materials	5%, aqueous solutions (1344-09-8) No data available. None known Avoid release to the environment.			
Bioaccumulative potential 12.4. Mobility in soil sodium silicate, alkaline 1.6/2.6, 35%≤conc≤58 Ecology - soil 12.5. Other adverse effects Effect on the global warming Other information SECTION 13: Disposal considerations 13.1. Disposal methods Product/Packaging disposal recommendations Ecology - waste materials SECTION 14: Transport information	5%, aqueous solutions (1344-09-8) No data available. None known Avoid release to the environment. Dispose in a safe manner in accordance with local/national regulations.			
Bioaccumulative potential 12.4. Mobility in soil sodium silicate, alkaline 1.6/2.6, 35%≤conc≤55 Ecology - soil 12.5. Other adverse effects Effect on the global warming Other information SECTION 13: Disposal considerations 13.1. Disposal methods Product/Packaging disposal recommendations Ecology - waste materials	5%, aqueous solutions (1344-09-8) No data available. None known Avoid release to the environment. Dispose in a safe manner in accordance with local/national regulations.			
Bioaccumulative potential 12.4. Mobility in soil sodium silicate, alkaline 1.6/2.6, 35%≤conc≤58 Ecology - soil 12.5. Other adverse effects Effect on the global warming Other information SECTION 13: Disposal considerations 13.1. Disposal methods Product/Packaging disposal recommendations Ecology - waste materials SECTION 14: Transport information In accordance with DOT / TDG / IMDG / IATA Department of Transportation (DOT) In accordance with DOT	5%, aqueous solutions (1344-09-8) No data available. None known Avoid release to the environment. Dispose in a safe manner in accordance with local/national regulations.			
Bioaccumulative potential 12.4. Mobility in soil sodium silicate, alkaline 1.6/2.6, 35%≤conc≤55 Ecology - soil 12.5. Other adverse effects Effect on the global warning Other information SECTION 13: Disposal considerations 13.1. Disposal methods Product/Packaging disposal recommendations Ecology - waste materials SECTION 14: Transport information In accordance with DOT / TDG / IMDG / IATA Department of Transportation (DOT)	5%, aqueous solutions (1344-09-8) No data available. None known Avoid release to the environment. Dispose in a safe manner in accordance with local/national regulations.			
Bioaccumulative potential 12.4. Mobility in soil sodium silicate, alkaline 1.6/2.6, 35%≤conc≤55 Ecology - soil 12.5. Other adverse effects Effect on the global warming Other information SECTION 13: Disposal considerations 13.1. Disposal methods Product/Packaging disposal recommendations Ecology - waste materials SECTION 14: Transport information In accordance with DOT / TDG / IMDG / IATA Department of Transportation (DOT) In accordance with DOT Not regulated Transportation of Dangerous Goods Not regulated	5%, aqueous solutions (1344-09-8) No data available. None known Avoid release to the environment. Dispose in a safe manner in accordance with local/national regulations.			
Bioaccumulative potential 12.4. Mobility in soil sodium silicate, alkaline 1.6/2.6, 35%≤conc≤55 Ecology - soil 12.5. Other adverse effects Effect on the global warming Other information SECTION 13: Disposal considerations 13.1. Disposal methods Product/Packaging disposal recommendations Ecology - waste materials SECTION 14: Transport information In accordance with DOT / TDG / IMDG / IATA Department of Transportation (DOT) In accordance with DOT Not regulated Transportation of Dangerous Goods	5%, aqueous solutions (1344-09-8) No data available. None known Avoid release to the environment. Dispose in a safe manner in accordance with local/national regulations.			

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

SECTION 15: F	egulatory information					
15.1. US Federal	regulations					
All components of t (TSCA) inventory	his product are present and listed	as Active on the United St	tates Environmental Pro	tection Agency Toxic S	Substances Control Act	
15.2. Internation	al regulations					
CANADA No additional inform EU-Regulations No additional inform National regulation quartz (14808-60	ation available ation available Is					
	ernational Agency for Research or	n Cancer)				
15.3. US State re		,				
Pot Coat A (Mix	<u>× </u>					
	roposition 65 - Other information		This product contains crystalline silica, a chemical known to the state of California to cause cancer. For more information go to WWW.P65Warnings.ca.gov			
quartz (14808-6)-7)					
U.S California - Proposition 65 - Carcinogens List	U.S California - Proposition 65 - Developmental Toxicity	U.S California - Proposition 65 - Reproductive Toxicity - Female	U.S California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)	Maximum allowable dose level (MADL)	
Yes	No	No	No			
Component		State or local regulations U.S New Jersey - Right to Know Hazardous Substance List				
Quartz (14808-60-7)	U.S New Jersey - Rig	ght to Know Hazardous	Substance List		
	other information					
according to Federa Revision date	I Register / Vol. 77, No. 58 / Mond	ay, March 26, 2012 / Rule : 1/13/2023	s and Regulations			
Other information		Report language name. versions, the English ve		any conflict between E	English and other language	
Full text of H-phra	ses					
Full text of H-phra H315	Causes skin irritation					
Full text of H-phra						

H350 May cause ca Safety Data Sheet (SDS), USA

This information and recommendations set forth herein are taken from sources believed to be accurate as of the date herein, however, Resco Products, Inc. makes no warranty with respect to the accuracy of the information or the suitability of the recommendations, and assumes no liability to any user thereof.