SAFETY DATA SHEET
Seal Skin

Revision: 08/21/2014

1. Product and Company Identification

Product Code: BS-S

Product Name: Seal Skin

Trade Name: Polyester Glazing Putty

Company Name: Crest Industries, Inc.
1337 King Road
Trenton, MI 48183

Phone Number: (734)479-4141

Web site address: crestauto.com

Emergency Contact: Chemtel (800)255-3924
International Calls (813)248-0585

Stock Number(s): BS-S

2. Hazards Identification

Flammable Liquids, Category 3
Acute Toxicity: Oral, Category 4
Acute Toxicity: Skin, Category 4
Acute Toxicity: Inhalation, Category 4
Skin Corrosion/Irritation, Category 2
Serious Eye Damage/Eye Irritation, Category 2A
Germ Cell Mutagenicity, Category 1B
Carcinogenicity, Category 1B
Toxic To Reproduction, Category 2
Specific Target Organ Toxicity (single exposure), Category 3
Specific Target Organ Toxicity (repeated exposure), Category 1

GHS Signal Word: **Danger**

GHS Hazard Phrases:
H226 - Flammable liquid and vapor.
H302 - Harmful if swallowed.
H312 - Harmful in contact with skin.
H315 - Causes skin irritation.
H319 - Causes serious eye irritation.
H332 - Harmful if inhaled.
H335 - May cause respiratory irritation.
H340 - May cause genetic defects .
H350 - May cause cancer .
H361 - Suspected of damaging fertility or the unborn child .
H372 - Causes damage to organs through prolonged or repeated exposure.

GHS Precaution Phrases:
P202 - Do not handle until all safety precautions have been read and understood.
P210 - Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P233 - Keep container tightly closed.
P260 - Do not breathe dust/fume/gas/mist/vapours/spray.
P264 - Wash hands thoroughly after handling.
P270 - Do not eat, drink or smoke when using this product.
P271 - Use only outdoors or in a well-ventilated area.
P281 - Use personal protective equipment as required.

GHS Response Phrases:
P301+312 - IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. P330 - Rinse mouth.
P303+361+353 - IF ON SKIN (or hair): Remove/take off immediately all contaminated

clothing. Rinse skin with water/shower.
P332+313 - If skin irritation occurs, get medical advice/attention.
P304+340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305+351+338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+313 - If eye irritation persists, get medical advice/attention.
P363 - Wash contaminated clothing before reuse.

GHS Storage and Disposal Phrases:

P405 - Store locked up.
P403+235 - Store in cool/well-ventilated place.
P501 - Dispose of contents/container to an approved treatment/storage/disposal facility in accordance with local/regional/national and international regulations.

Potential Health Effects (Acute and Chronic):

3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration
14807-96-6	Talcum	10.00 - 20.00 %
100-42-5	Styrene	20.00 - 30.00 %
13463-67-7	Titanium dioxide	1.000 - 5.000 %
1317-65-3	Limestone	5.000 - 10.00 %
65997-17-3	Fibrous glass	5.000 - 10.00 %
546-93-0	Magnesite	5.000 - 10.00 %
7631-86-9	Silica	1.000 - 5.000 %
106-51-4	Quinone	<1.000 %
64742-95-6	SC-100 Solvent	<1.000 %
91-66-7	N,N-Diethylaniline	<1.000 %

4. First Aid Measures

Emergency and First Aid Procedures:

In Case of Inhalation: Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid if cough or other symptoms appear.

In Case of Skin Contact: Wash with plenty of soap and water. Get medical aid if irritation develops or persists. Wash clothing before reuse.

In Case of Eye Contact: Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. If irritation develo ps, get medical aid.

In Case of Ingestion: Wash mouth out with water. Get medical aid if irritation or symptoms occur. If swallowed, do not induce vomiting unless directed to do so by medical personnel.

Note to Physician: Treat symptomatically and supportively. Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

5. Fire Fighting Measures

Flash Pt: ~ 89.0 F (31.7 C) Method Used: Estimate

Explosive Limits: LEL: .9 UEL: 6.8

Autoignition Pt:

Suitable Extinguishing Media: Use water fog, dry chemical, carbon dioxide, or regular foam. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Fire Fighting Instructions: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion. Can release vapors that form explosive mixtures at temperatures above the flashpoint.

Flammable Properties and Hazards:

Hazardous Combustion Products: Hazardous decomposition products formed under fire conditions.

6. Accidental Release Measures

Steps To Be Taken In Case Material Is Released Or Spilled: Use proper personal protective equipment as indicated in Section 8. Sweep up or absorb material, then place into a suitable clean, dry, closed container for disposal. Provide ventilation. Use a spark-proof tool. Avoid breathing dust. Do not let product enter drains.

7. Handling and Storage

Precautions To Be Taken in Handling: Use only in a well-ventilated area. Keep container tightly closed. Avoid ingestion and inhalation. Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Avoid contact with skin and eyes. Empty containers retain product residue, (liquid and/or vapor), and can be dangerous.

Precautions To Be Taken in Storing: Store in a cool, dry place. Keep container closed when not in use. Keep away from sources of ignition.

8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
14807-96-6	Talcum	PEL: 706 ppm/20 mppcf	TLV: 2 mg/m3 (non-asbestos)	
100-42-5	Styrene	PEL: 100 ppm STEL: 600 ppm/(5min/3hr) CEIL: 200 ppm	TLV: 20 ppm STEL: 40 ppm	
13463-67-7	Titanium dioxide	PEL: 15 (dust) mg/m3	TLV: 10 mg/m3	
1317-65-3	Limestone	PEL: 15 (dust); 5 (resp.) mg/m3		
65997-17-3	Fibrous glass		TLV: 1 f/cc (fibers)	
546-93-0	Magnesite	PEL: 15 (dust); 5 (resp.) mg/m3	TLV: 10 mg/m3 (E)	
7631-86-9	Silica			
106-51-4	Quinone	PEL: 0.1 ppm	TLV: 0.1 ppm	
64742-95-6	SC-100 Solvent			
91-66-7	N,N-Diethylaniline			

Respiratory Equipment (Specify Type):	Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149.
Eye Protection:	Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.
Protective Gloves:	Wear appropriate protective gloves to prevent skin exposure. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.
Other Protective Clothing:	Wear appropriate protective clothing to minimize contact with skin.
Engineering Controls (Ventilation etc.):	Use adequate general or local exhaust ventilation to keep airborne concentrations below the permissible exposure limits.
Work/Hygienic/Maintenance Practices:	Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

9. Physical and Chemical Properties

Physical States:	[ ] Gas [X] Liquid [ ] Solid
Appearance and Odor:	Light. green. Paste. aromatic odor.
Melting Point:	-31.0 C (-23.8 F)
Boiling Point:	NP - 145 C (293 F)
Flash Pt:	~ 89.0 F (31.7 C) Method Used: Estimate
Evaporation Rate:	< Ethyl Ether
Flammability (solid, gas):	
Explosive Limits:	LEL: .9 UEL: 6.8
Vapor Pressure (vs. Air or mm Hg):	> 1 MM_HG
Vapor Density (vs. Air = 1):	> 1
Specific Gravity (Water = 1):	~ .98
Solubility in Water:	none
Percent Volatile:	~ 30.0 % by volume.
VOC / Volume:	~ 278 G/L
Autoignition Pt:	

10. Stability and Reactivity

Stability:	Unstable [ ] Stable [X]
Conditions To Avoid - Instability:	Heat, ignition sources.
Incompatibility - Materials To Avoid:	Strong acids, Strong bases, Strong oxidizing agents.
Hazardous Decomposition or Byproducts:	irritating and toxic fumes and gases, Carbon monoxide, Carbon dioxide.
Possibility of Hazardous Reactions:	Will occur [ ] Will not occur [X]
Conditions To Avoid - Hazardous Reactions:	

11. Toxicological Information

Toxicological Information:

Sensitization: No data available.

Carcinogenicity/Other Information: CAS# 14807-96-6: Not listed by ACGIH, IARC, NTP, or CA Prop 65. CAS# 100-42-5:
ACGIH: Not listed.
California: Not listed.
NTP: Not listed.
IARC: Group 2B carcinogen. Carcinogenicity.
Carcinogenicity - rat - Inhalation.
Tumorigenic: Carcinogenic by RTECS criteria. Lungs, Thorax, or Respiration: Tumors.
Carcinogenicity - rat - Intramuscular.
Tumorigenic: Neoplastic by RTECS criteria. Blood: Lymphomas including Hodgkin's disease. Tumorigenic:Tumors at site of application.

IARC Group 2B: Proven animal carcinogenic substance of potential relevance to humans.
NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
14807-96-6	Talcum	n.a.	n.a.	n.a.	n.a.
100-42-5	Styrene	Possible	2B	A4	n.a.
13463-67-7	Titanium dioxide	n.a.	2B	A4	n.a.
1317-65-3	Limestone	n.a.	n.a.	n.a.	n.a.
65997-17-3	Fibrous glass	n.a.	n.a.	n.a.	n.a.
546-93-0	Magnesite	n.a.	n.a.	n.a.	n.a.
7631-86-9	Silica	Known	3	n.a.	n.a.
106-51-4	Quinone	n.a.	3	n.a.	n.a.
64742-95-6	SC-100 Solvent	n.a.	n.a.	n.a.	n.a.
91-66-7	N,N-Diethylaniline	n.a.	n.a.	n.a.	n.a.

12. Ecological Information

Persistence and Degradability: No data available.

13. Disposal Considerations

Waste Disposal Method: Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.
RCRA P-Series: None listed.
RCRA U-Series: None listed. Product.
Contact a licensed professional waste disposal service to dispose of this material.

14. Transport Information

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: Consumer commodity.
DOT Hazard Class:
UN/NA Number: **Packing Group:** III

LAND TRANSPORT (Canadian TDG):

TDG Shipping Name: No information available.
UN Number: **Packing Group:** III
Hazard Class: **TDG Classification:**

MARINE TRANSPORT (IMDG/IMO):

IMDG/IMO Shipping Name: Polyester resin kit.
UN Number: 3269 **Packing Group:** III
Hazard Class: 3 - FLAMMABLE LIQUID
IMDG MFAG Number:
IMDG EMS Page:

AIR TRANSPORT (ICAO/IATA):

ICAO/IATA Shipping Name: Polyester resin kit.
UN Number: 3269 **Packing Group:** III
Hazard Class: 3 - FLAMMABLE LIQUID
IATA Cargo Limit: 312

15. Regulatory Information

EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

CAS #	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
14807-96-6	Talcum	No	No	No
100-42-5	Styrene	No	Yes 1000 LB	Yes
13463-67-7	Titanium dioxide	No	No	No
1317-65-3	Limestone	No	No	No
65997-17-3	Fibrous glass	No	No	No
546-93-0	Magnesite	No	No	No
7631-86-9	Silica	No	No	No
106-51-4	Quinone	No	Yes 10 LB	Yes
64742-95-6	SC-100 Solvent	No	No	No
91-66-7	N,N-Diethylaniline	No	Yes 1000 LB	No

This material meets the EPA 'Hazard Categories' defined for SARA Title III Sections 311/312 as indicated:

[X] Yes [ ] No Acute (immediate) Health Hazard
[X] Yes [ ] No Chronic (delayed) Health Hazard
[X] Yes [ ] No Fire Hazard
[ ] Yes [X] No Sudden Release of Pressure Hazard
[ ] Yes [X] No Reactive Hazard

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
14807-96-6	Talcum	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: Title 8; MA Oil/HazMat: No; MI CMR, Part 5: No; NC TAP: No; NJ EHS: Yes - 1773; NY Part 597: No; PA HSL: Yes - 1; SC TAP: No; WI Air: Yes
100-42-5	Styrene	CAA HAP,ODC: HAP; CWA NPDES: Yes; TSCA: Yes - Inventory, 8A CAIR; CA PROP.65: No; CA TAC, Title 8: TAC, Title 8; MA Oil/HazMat: Yes; MI CMR, Part 5: CMR, Part 5; NC TAP: Yes; NJ EHS: Yes - 1748; NY Part 597: Yes; PA

		HSL: Yes - E; SC TAP: Yes; WI Air: Yes
13463-67-7	Titanium dioxide	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: Yes; CA TAC, Title 8: No; MA Oil/HazMat: No; MI CMR, Part 5: No; NC TAP: No; NJ EHS: Yes - 1861; NY Part 597: No; PA HSL: Yes - 1; SC TAP: No; WI Air: No
1317-65-3	Limestone	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: No; MA Oil/HazMat: No; MI CMR, Part 5: No; NC TAP: No; NJ EHS: Yes - 4001; NY Part 597: No; PA HSL: Yes - 1; SC TAP: No; WI Air: No
65997-17-3	Fibrous glass	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: No; MA Oil/HazMat: No; MI CMR, Part 5: No; NC TAP: No; NJ EHS: No; NY Part 597: No; PA HSL: No; SC TAP: No; WI Air: No
546-93-0	Magnesite	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: No; MA Oil/HazMat: No; MI CMR, Part 5: No; NC TAP: No; NJ EHS: Yes - 4018; NY Part 597: No; PA HSL: No; SC TAP: No; WI Air: No
7631-86-9	Silica	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: TAC, Title 8; MA Oil/HazMat: No; MI CMR, Part 5: No; NC TAP: No; NJ EHS: No; NY Part 597: No; PA HSL: Yes - 1; SC TAP: No; WI Air: No
106-51-4	Quinone	CAA HAP,ODC: HAP; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: TAC, Title 8; MA Oil/HazMat: Yes; MI CMR, Part 5: Part 5; NC TAP: Yes; NJ EHS: Yes - 1460; NY Part 597: Yes; PA HSL: Yes - E; SC TAP: Yes; WI Air: Yes
64742-95-6	SC-100 Solvent	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: No; MA Oil/HazMat: No; MI CMR, Part 5: No; NC TAP: No; NJ EHS: No; NY Part 597: No; PA HSL: No; SC TAP: No; WI Air: No
91-66-7	N,N-Diethylaniline	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: No; MA Oil/HazMat: No; MI CMR, Part 5: Part 5; NC TAP: No; NJ EHS: Yes - 0693; NY Part 597: No; PA HSL: Yes - 1; SC TAP: No; WI Air: No

16. Other Information

Revision Date: 08/21/2014

Additional Information About This Product:

Company Policy or Disclaimer: The information contained in this SDS is believed to be accurate and reliable as of the date indicated. Crest Industries, Inc. assumes no legal responsibility and makes no representation, warranty or guarantee, expressed or implied, as to the completeness or accuracy of the information. It is offered solely for your consideration, investigation and verification. The user is ultimately responsible for the safe use of the material in accordance with applicable federal, state, provincial and local laws and regulations.