

SAFETY DATA SHEET

Revision Date 12/20/2023

1. PRODUCT AND COMPANY IDENTIFICATION

1.1 Product identifiers

Product names : Chromosorb® 102, Chromosorb 106, Chromosorb 108

Brand : SKC Inc.

Product Numbers : 1141, 1145, 1147

CAS-No. : 9003-70-7

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

Identified uses : Air Sampling

1.3 Details of the supplier of the safety data sheet

Company : SKC, Inc.
863 Valley View Rd.
Eighty Four, PA 15330
USA

Telephone : 724-941-9701; 800-752-8472 (Mon - Fri, 8:30 a.m. - 5:00 p.m. EST)

Fax : 724-941-1369 (Mon-Fri, 8:30 a.m. - 5:00 p.m. EST)

1.4 Emergency telephone number

Emergency Phone # : CHEMTREC at 800-424-9300 (U.S./Canada); 703-741-5970 (Global)

2. HAZARDS IDENTIFICATION

2.1 GHS Classification:

Physical and Chemical Hazards : No classification

Human Health : No classification

Environment : No classification

2.2 Label Elements:

Pictogram : None

Signal Word : None

Hazard Statement : None

Precautionary Statements : None

Prolonged and repeated exposure to excessive concentrations of these products dust, or any nuisance dust, can cause chronic pulmonary disease. Dust contact with eyes may cause temporary scratchiness or redness. These products have not been classified as a carcinogen by NTP or IARC.

3. COMPOSITION/INFORMATION ON INGREDIENTS FOR EACH COMPOUND

Compound	Ingredient Name	CAS Number	%	PEL and TLV (except as noted)
Chromosorb 102	Styrene / Divinylbenzene copolymer	9003-70-7	100	Not established
Chromosorb 106	Styrene / Divinyl copolymer	9003-70-7	100	Not established
Chromosorb 108	Polyacrylic ester resin	None	100	Not established

4. FIRST AID MEASURES

Inhalation	:	Remove to fresh air. Drink water to clear throat and blow nose to evacuate dust.
Eyes	:	Flush eyes with large quantities of water. If irritation persists, consult a physician.
Skin Contact	:	NA
Skin Absorption	:	NA
Ingestion	:	NA

5. FIREFIGHTING MEASURES

Flash Point (method)	:	Nonflammable
NFPA Flammable/ Combustible Liquid Classification	:	NA
Flammable Limits	:	LEL: NA UEL: NA
Auto-ignition Temperature	:	420 °C (EST)
Extinguishing Media	:	Foam, CO ₂ , water fog
Unusual Fire or Explosion Hazards	:	When heated to decomposition emits acrid smoke and fumes.
Special Fire-fighting Procedure	:	Wear self contained breathing apparatus

6. ACCIDENTAL RELEASE MEASURES

Procedure for Spill/Leak: Vacuum clean dust with equipment fitted with hepa filter. Use a dust suppressant such as water if sweeping is necessary. Uncontaminated material may be reused.

7. HANDLING AND STORAGE

Minimize dust generation and accumulation. Avoid breathing dust. Avoid contact with eyes. Seal broken bags immediately. Continue to follow all MSDS/label warning when handling empty containers. Store away from strong oxidizers at ambient temperatures (<25°C)

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Goggles	:	Goggles or safety glasses with sideshields are recommended.
Gloves	:	Not normally required.
Respirator	:	<10x PEL, use an N95 quarter or half mask respirator; <50x PEL, use a full face respirator equipped with N95 filters; <200x PEL, use a powered air purifying respirator (positive pressure) with N95 filters; >200x PEL, use a full face, type C supplied air respirator (continuous flow mode).
Ventilation	:	Use sufficient natural or mechanical ventilation to control dust levels.

<i>Chromosorb 102</i>	:	REL: Not listed
<i>Chromosorb 106</i>	:	REL: NIOSH TWA 10 ppm (50mg/m ³)
<i>Chromosorb 108</i>	:	REL: NIOSH TWA 10 ppm (50mg/m ³)

9. PHYSICAL AND CHEMICAL PROPERTIES

- | | |
|----------------------------------|-----------------------------|
| a) Appearance and Odor: | White particulate, no odor. |
| b) Boiling Point: | NA |
| c) Evaporation Rate (=1): | NA |
| d) Specific Gravity (water = 1): | 1.1 |
| e) Vapor Pressure: | NA |
| f) Melting Point: | NA |
| g) % Volatile by Volume: | Negligible |
| h) Water Solubility (%): | Insoluble |
| i) Vapor Density (air=1): | NA |
| j) PH: | (Aqueous slurry) neutral |

10. STABILITY AND REACTIVITY

Material is stable.

Hazardous polymerization cannot occur

Chemical Incompatibilities: Strong oxidizers

Conditions to Avoid: Temperatures . 250 fC

11. TOXICOLOGICAL INFORMATION

Summary: Dusts generated from these products are considered nuisance dust. They may cause transitory mechanical irritation to skin or eyes. These substances or mixture has not been classified as a carcinogen.

12. ECOLOGICAL INFORMATION

Generally considered chemically inert in the environment. Used material which has become contaminated may have significantly different characteristics based on the contaminant and should be evaluated accordingly

13. DISPOSAL CONSIDERATIONS

Waste is not hazardous as defined by rcra (40 cfr 261). Other state and local regulations may vary, consult local agencies as needed. Used material which has become contaminated may have significantly different characteristics based on the contaminants and should be evaluated accordingly.

14. TRANSPORT INFORMATION

D.O.T. Proper Shipping Name:

Hazard Classification: Not classified

Reportable Quantities: NA

UN (United Nations), NA (North America) Number: NA

15. REGULATORY INFORMATION

OSHA Hazard Communications Standard, 29 CFR 1910.1200: Material is not considered hazardous.

RCRA: These materials are not defined as hazardous waste per 40 CFR 261.

TSCA: These materials are listed in the TSCA inventory, and are not otherwise regulated by TSCA Sec. 4, 5, 6, 7 or 12.

CERCLA: Materials are not reportable under CERCLA, local requirements may vary.

SARA: 311/312 hazard categories - immediate and delayed health, 313 reportable Ingredients - none.

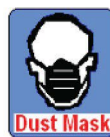
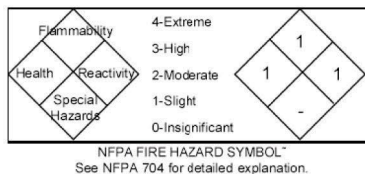
Canada: These products are listed on the DSL.

California Proposition 65: These products contain chemicals known to the state of California to cause cancer.

EU (Regulation (EC) n° ° 1272/2008): These materials are labeled and supported accordingly with GHS standards.

European Inventory of Existing Chemicals (EINECS): All of the components of these products are included on EINECS.

16. OTHER INFORMATION



HEALTH	*	1
FLAMMABLE		1
PHYSICAL HAZARD		1
PERSONAL PROTECTION		E

Disclaimer

For approved uses only. Not for drug, household, or other uses.

The above information is believed to be correct but does not purport to be all-inclusive and shall be used only as a guide. SKC Inc. shall not be held liable for any damage resulting from handling or from contact with the above products.

Latest Change(s): Updated SDS to bring into compliance with the GHS

Last Update: December 2023