

SECTION 1 : Identification of the substance/preparation and of the company / undertaking

(a) GHS product identifier

Henry Schein Acraweld Orthodontic Powder (All Types)

(e) Emergency phone number

CHEMTRAC 1-800-424-9300

(b) Other means of identification

NA

(c) Recommended use of the chemical and restrictions on use

For professional dental applications.

(d) Supplier's details

Henry Schein, Inc.
135 Duryea Road
Melville, NY 11747 USA
Phone: 1-800-372-4346

SECTION 2: Hazards identification

(a) GHS classification of the substance/mixture

Substance Name

- | | |
|------------|----|
| 1. Polymer | ND |
| 2. Pigment | ND |

(b) Label Elements

Hazard statements

None

Precautionary statements

None

Hazard Symbol(s)

NONE

Signal Word(s)

NONE

(c) Other hazards which do not result in classification

IF ON SKIN: May be harmful in contact with skin.

IF INHALED: May be harmful if inhaled.

IF SWALLOWED: May be harmful if swallowed. Ingestion of large amounts may be irritating if product is swallowed, may cause nausea, headache, vomiting and/or diarrhea.

IF IN EYES: May cause eye irritation.

SECTION 3: Composition/information on ingredients

(a) Chemical(s) Identity:

(b) Common Name:

Polymer
Pigment

(c) CAS No.

25685-29-4
NA

Mixture:

Concentration (Percentage)

>60.0-100.0%
<5.0%

SECTION 4: First-aid measures

(a) Description of first aid measures:

IF ON SKIN (or hair): Rinse with water until free of material to avoid abrasions, then wash skin thoroughly with mild soap and water. May dry skin.

IF INHALED: Remove to fresh air. Call a doctor if you feel unwell.

IF SWALLOWED: Call a doctor if you feel unwell. Do not induce vomiting. If product has been swallowed, drink plenty of water or milk IMMEDIATELY. If the patient is vomiting, continue to offer water or milk. Never give anything by mouth to an unconscious person. Provide an estimate of the time at which the material was ingested and the amount of the substance that was swallowed.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation occurs, contact a physician.

(b) Most important symptoms and effects, both acute and delayed:

IF INHALED: Nuisance conditions such as coughing, sneezing, and nasal irritation. Labored breathing may occur after excessive inhalation.

IN EYES: If burning, redness, itching, pain or other symptoms persist or develop, consult a physician.

(c) Indication of any immediate medical attention and special treatment needed:

ND

SECTION 5: Fire-fighting measures

(a) Suitable extinguishing media:

Water, carbon dioxide, dry chemical.

(b) Special hazards arising from the chemical or mixture:

Polymer dust is combustible. The explosive limits of the polymer particles suspended in air are approximately those of coal dust.

(c) Special protective equipment and precautions for fire-fighters:

Firefighters should wear self-contained breathing apparatus. Avoid extinguishing methods, which may generate dust clouds. Water stream can disperse dust into air producing a fire hazard and possible explosion hazard if exposed to ignition source.

SECTION 6: Accidental release measures

(a) Personal precautions, protective equipment and emergency procedures:

Before cleaning any spill or leak, individuals involved must wear appropriate Personal Protective Equipment (e.g., goggles, gloves).

(b) Environmental precautions:

Dispose of properly in accordance with local, state and federal regulations.

(c) Methods and material for containment and cleaning up:

Sweep up to avoid slipping hazard. Keep airborne particulates at a minimum when cleaning up spills. Remove any contaminated clothing and wash thoroughly before reuse.

SECTION 7: Handling and storage

(a) Precautions for safe handling:

Use in well ventilated areas. Avoid contact with skin, eyes and clothing. Avoid breathing dust. Use good personal hygiene and housekeeping.

(b) Conditions for safe storage, including any incompatibilities:

Store containers in a cool, dry location, away from direct sunlight, other light sources, or sources of intense heat. Keep container closed to prevent water absorption and contamination.

SECTION 8: Exposure controls/Personal protection

(a) Control parameters:

Chemical	ACGIH		OSHA	
	TLV	TLV-STEL	PEL TWA	PEL CEILING
Polymer	10 mg/m ³	NE	15 mg/m ³	NE
Pigment	NE	NE	NE	NE

(b) Appropriate Engineering Controls:

When working with large quantities of product provide adequate ventilation (e.g., local exhaust ventilation, fans). Ensure that an eyewash station, sink or washbasin is available in case of exposure to eyes. Use good local exhaust at processing equipment, including buffers, sanders, grinders and polishers.

(c) Individual protection measures:

RESPIRATORY: No special respiratory protection is required under typical circumstances of use or handling. If necessary, use only respiratory protection authorized per U.S. OSHA's requirement in 29 CFR §1910.134, or applicable U.S. state regulations, or the appropriate standards of Canada, its provinces, E.C. member states, or Australia.

EYE PROTECTION: Depending on the use of this product safety glasses or goggles may be worn. If necessary, refer to U.S. OSHA 29 CFR §1910.133, Canadian standards, or the European Standard EN166. Ensure that an eyewash station, sink or washbasin is available in case of exposure to eyes.

PROTECTIVE GLOVES: If anticipated that prolonged & repeated skin contact will occur during use of this product, wear gloves for routine industrial use. If necessary, refer to U.S. OSHA 29 CFR §1910.138, the appropriate standards of Canada, of the E.C. member states.

OTHER PROTECTIVE EQUIPMENT: No special body protection is required under typical circumstances of use and handling. If necessary, refer to appropriate standards of Canada, the E.C. member states, or U.S. OSHA. An eyewash station and a safety shower are recommended. High temperature processing equipment should be well ventilated.

SECTION 9: Physical and chemical properties

(a) Appearance:	Fine white to pigmented powder.
(b) Odor:	Faint odor in bulk.
(c) Odor threshold:	ND
(d) pH:	ND
(e) Melting point / freezing point:	ND
(f) Initial boiling point and boiling range:	ND
(g) Flash point	304° C, 580° F
(h) Evaporation rate (BuAc=1):	ND
(i) Flammability:	ND
(j) Upper/lower flammability or explosive limits:	ND
(k) Vapor Pressure:	ND
(l) Vapor density:	ND
(m) Relative density:	ND
(n) Solubility:	ND
(o) Partition coefficient: n-octanol/water:	ND
(p) Auto-ignition temperature:	ND
(q) Decomposition temperature:	Above 240° C, 464° F
(r) Viscosity:	ND

SECTION 10: Stability and reactivity

(a) Reactivity:	Low, HMIS 0
(b) Chemical stability:	Stable
(c) Possibility of hazardous reactions:	Low
(d) Conditions to avoid:	Heating above 240 C, 464 F.
(f) Hazardous decomposition products:	Methacrylate Monomer and Oxides of Carbon when burned.

SECTION 11: Toxicological information

Acute toxicity	NE
Skin corrosion/irritation	NE
Serious Eye Damage / Irritation	NE
Respiratory or skin sensitization	NE
Germ cell mutagenicity	NE
Carcinogenicity	NE
Reproductive toxicity	NE
STOT-single exposure	NE
STOT-repeated exposure	NE
Aspiration Hazard	NE

(a) Exposure route:	Inhalation, skin and/or eye contact
(b) Symptoms related to the physical, chemical and toxicological characteristics:	Difficulty breathing, rashes or irritations
(c) Delayed and immediate effects and also chronic effects from short and long term exposure:	Difficulty breathing, rashes or irritations
(d) Numerical measures of toxicity:	See control parameters above

SECTION 12: Ecological information

- (a) Ecotoxicity: ND
- (b) Persistence and degradability: ND
- (c) Bioaccumulative potential: ND
- (d) Mobility in soil: ND
- (e) Other adverse effects:

SECTION 13: Disposal considerations

**Product:
Recommendation**

Dispose of material in accordance with all applicable federal, state and local regulations.

SECTION 14: Transport information

- (a) UN Number: This product is not regulated as a hazardous material by neither the United States (DOT) Transportation regulations nor Canadian Transportation of Dangerous Goods.
- (b) UN Proper shipping name: NA
- (c) Transport hazard class(es): NA
- (d) Packing Group: NA
- (e) Environmental hazards: NA
- (f) Transport in bulk: NA
- (g) Other Information: NA

SECTION 15: Regulatory information

- SARA Reporting Requirements: NA
- SARA Threshold Planning Quantity: NA
- TSCA Inventory Status: ND
- Other Federal Requirements: NA
- Other Canadian Regulations: NA
- State Regulatory Information: NA

SECTION 16: Other information

PREPARED BY: Kristofer Mainar
GAR QMS SDS REFERENCE: A131

HAZARDOUS MATERIAL IDENTIFICATION (HMIS) RATING:

Health	1
Flammability	1
Reactivity	0
Other	Gloves and Safety Glasses or Chemical Goggles.

REVISION NUMBER: 140604

CHANGES FROM PREVIOUS VERSION: INITIAL VERSION

ABBREVIATIONS

NA Not Applicable	LD Lethal Dose
ND Not Determined	TC Toxic Concentration
NE Not Established	TD Toxic Dose
ppm parts per million	BOD Biological Oxygen Demand
G Gallon	COD Chemical Oxygen Demand
mg Milligram	Lo Lowest
L Liter	ThOD Theoretical Oxygen Demand
gm Gram	TLm Threshold Limit
mol Mole	IC Inhibitory Concentration
kg Kilogram	DOC Dissolved Organic Carbon
μ Micro	H Hours
mm Millimeter	M Months
p Pico	D Days
Pa Pascals	Y Years
c cent	W Weeks
LC Lethal Concentration	

ACGIH American Conference of Governmental Industrial Hygienist
CPR Controlled Product's Regulation
DSL Canadian Domestic Substances List
NDSL Canadian Non-domestic Substance List
IARC International Agency for Research for Cancer
NOEL No Observed Effect Level
NOAEL No Observed Adverse Effect Level
OSHA Occupational Safety and Health Administration
PEL Permissible Exposure Limit
TLV Threshold Limit Value

THIS MATERIAL SAFETY DATA SHEET IS PREPARED IN COMPLIANCE WITH FEDERAL REGULATIONS (29 CFR 1910.1200) OF CHEMICALS AND THE GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION AND LABELLING REVISION 5. ANY APPLICABLE STATE AND LOCAL REGULATIONS SHOULD BE CONSULTED.

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