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

(a) GHS product identifier

Henry Schein Self Cure Acrylic Liquid

(e) Emergency phone number CHEMTREC 1-800-424-9300

CCN9105

(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

- Methyl Methacrylate Monomer 1.
- 2. Ethylene Glycol Dimethacrylate

(b) Label Elements

Hazard statements

Causes skin irritation Causes severe eye irritations May cause an allergic skin reaction May cause respiratory irritation. May cause drowsiness or dizziness. Highly flammable liquid and vapor. Precautionary statements

Wash face, hands and any exposed skin thoroughly after handling Wear protective gloves/protective clothing/eye protection/face protection Avoid breathing dust/fume/gas/mist/vapors/spray Contaminated work clothing should not be allowed out of the workplace Use only outdoors or in a well-ventilated area Keep away from heat/sparks/open flames/hot surfaces.--No smoking Keep container tightly closed Ground/bond container and receiving equipment Use explosion-proof equipment Use only non-sparking tools Take precautionary measures against static discharge Keep cool

Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation occurs. If skin irritation or rash occurs: Get medical advice/attention

IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower

Wash contaminated clothing before reuse

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing Call a POISON CENTER or doctor/physician if you feel unwell In case of fire: Use CO2, dry chemical, or foam for extinction.

Storage

Store in a well-ventilated place. Keep container tightly closed. Store locked up

Disposal

Dispose of contents/container to an approved waste disposal plant

Hazard Symbol(s) Flame Exclamation mark

Signal Word(s) Danger

(c) Other hazards which do not result in classification

Harmful to aquatic life with long lasting effects Harmful to aquatic life

| n fety Data Sheet Jorm No. A736 | | Date Prepared: | 7/20/2021 |
|---|--|--|---|
| SECTION 3: Composition/information on ingredients | | Butorropurour | |
| (a) Chemical(s) Identity: | | Mixture: | |
| (b) Common Name: | (c) CAS No. | Concentration (Pe | rcentage) |
| 1. Methyl Methacrylate monomer | 80-62-6 | >90% | |
| 2. Ethylene Glycol Dimethacrylate | 97-90-5 | 2.5 - 10% | |
| SECTION 4: First-aid measures | | | |
| (a) Description of first aid measures: | 1 | | |
| IF IN EYES: Immediately flush eyes with plenty of w | | | • |
| and remove any contact lenses. Continue t | | | |
| IF ON SKIN (OR HAIR): Wash off immediately with s | | - | ntaminated clothe |
| and shoes. Seek medi | | | |
| IF INHALED: Remove to fresh air. If rapid recovery d | • | rt to nearest medical fa | cility for additiona |
| | treatment. | | |
| IF SWALLOWED: Rinse mouth. De | o NOT induce vomiting | . Seek medical advice. | |
| (b) Most important symptoms and effects, both acute an | | | |
| Overexposure by inhalation may cause CNS depressi | on-drowsiness, dizzine | ss, confusion or loss o | f coordination. Ma |
| cause skin and eye irritation. May cause allerg | ic skin reaction. Will ca | use gastrointestinal tra | act irritation. |
| | | | |
| (c) Indication of any immediate medical attention and sr | ocial treatment need | ed. | |
| (c) Indication of any immediate medical attention and sp Note to Physicians: Treat symptomatically | | | r hypersensitive |
| Note to Physicians: Treat symptomatically. | Can cause allergic res | ponse in susceptible o | r hypersensitive |
| Note to Physicians: Treat symptomatically. individuals upon | | ponse in susceptible o | r hypersensitive |
| Note to Physicians: Treat symptomatically. | Can cause allergic res | ponse in susceptible o | r hypersensitive |
| Note to Physicians: Treat symptomatically. individuals upon SECTION 5: Fire-fighting measures (a) Suitable extinguishing media: | Can cause allergic res | ponse in susceptible o exposure. | r hypersensitive |
| Note to Physicians: Treat symptomatically. individuals upon SECTION 5: Fire-fighting measures (a) Suitable extinguishing media: Foam, Dry Ch | Can cause allergic res repeated or prolonged | ponse in susceptible o exposure. e. | r hypersensitive |
| Note to Physicians: Treat symptomatically. individuals upon SECTION 5: Fire-fighting measures (a) Suitable extinguishing media: Foam, Dry Ch | Can cause allergic res repeated or prolonged nemical, Carbon Dioxide nguishing Media: Wate | ponse in susceptible o exposure. e. | r hypersensitive |
| Note to Physicians: Treat symptomatically. individuals upon SECTION 5: Fire-fighting measures (a) Suitable extinguishing media: Foam, Dry Ch Unsuitable Extin (b) Special hazards arising from the chemical or mixture | Can cause allergic res repeated or prolonged nemical, Carbon Dioxide nguishing Media: Wate | ponse in susceptible o exposure. e. er jet. | r hypersensitive |
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| Note to Physicians: Treat symptomatically. individuals upon SECTION 5: Fire-fighting measures (a) Suitable extinguishing media: Foam, Dry Ch Unsuitable Extin (b) Special hazards arising from the chemical or mixture Vapors may travel to s Sensitivity to Static Discharge: Take precautionary | Can cause allergic res repeated or prolonged memical, Carbon Dioxide guishing Media: Wate e: source of ignition and fl | ponse in susceptible o exposure. e. er jet. ash back. ic discharge. Flammat | |
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(b) Methods and material for containment and cleaning up:

Methods for Containment: Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite).

Methods for Cleaning Up: Use clean non-sparking tools to collect absorbed material. Sweep up absorbed material and shovel into suitable containers for disposal. Discard any product, residue, disposable container or liner in full compliance with federal, state, and local regulations. For waste disposal, see section 13 of the SDS. Wash spill area with a mild detergent.

SECTION 7: Handling and storage

(a) Precautions for safe handling:

Advice on Safe Handling: Handle in accordance with good industrial hygiene and safety practice. Wear appropriate personal protective equipment. Wash face, hands, and any exposed skin thoroughly after handling. Keep away from heat/sparks/open flames/hot surfaces. --No smoking. Take precautionary measures against static discharges. Ground container and transfer equipment to eliminate static electric sparks. Use spark-proof tools and explosion-proof equipment. Avoid breathing vapors or mists. Contaminated work clothing should not be allowed out of the workplace. Use only in well-ventilated areas. Keep containers closed when not in use. Keep cool.

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

Storage Conditions: Keep container tightly closed and store in a cool, dry and well-ventilated place. Store between 16°-26°C (69°-79°F). Store locked up. Protect from sunlight. Protect from damp. Store away from heat and incompatible materials.

Incompatible Materials: Organic peroxides, Reducing agent, Strong oxidizing agents.

SECTION 8: Exposure controls/Personal protection

(a) Control parameters:

1. Methyl Methacrylate

ACGIH TLV STEL: 100 ppm TWA: 50 ppm OSHA PEL TWA: 100 ppm TWA: 410 mg/m³ (vacated) NIOSH IDLH IDLH: 1000 ppm TWA: 100 ppm TWA: 410 mg/m³

(b) Appropriate Engineering Controls:

Good ventilation is required.

(c) Individual protection measures:

EYE PROTECTION: Splash googles or safety glasses.

SKIN AND BOODY PROTECTIONS: Polyethylene / Nitrile gloves. Do not use cotton gloves. Rubber boots. Polyethylene apron is recommended.

RESPIRATORY: Ensure adequate ventilation, especially in confined areas. Use NIOSH approved air-purifying respirator if the potential to exceed established exposure limits exists.

GENERAL HYGIENE CONSIDERATIONS: Handle in accordance with good industrial hygiene and safety practice.

| SECTION 9: Physical and chemical properties | |
|---|--|
| (a) Appearance: | Colorless liquid |
| (b) Odor: | Characteristic |
| (c) Odor threshold: | Not determined |
| (d) pH: | Not determined |
| (e) Melting point / freezing point: | Not determined |
| (f) Initial boiling point and boiling range: | 100°C / 212°F @ 760 mm HG |
| (g) Flash point | 8°C / 46.4°F Tag Closed Cup |
| (h) Evaporation rate (BuAc=1): | +1 (butyl acetate=1) |
| (i) Flammability: | Not determined |
| (j) Upper/lower flammability or explosive limits: | 12 / 1.5% |
| (k) Vapor Pressure: | Not determined |
| (I) Vapor density: | +1 (Air=1) |
| (m) Relative density: | -1 (1=Water) |
| (n) Solubility: | Slightly soluble, Not determined in other solvents |
| (o) Partition coefficient: n-octanol/water: | Not determined |
| (p) Auto-ignition temperature: | 430°C / 806°F |
| (q) Decomposition temperature: | Not determined |
| (r) Viscosity: | Not determined |

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| afety Data Sheet | | | |
| orm No. A736 | | Date Prepared: | 7/20/2021 |
| SECTION 10: Stability and rea | activity | Not reactive under rearrand conditi | |
| (a) Reactivity: (b) Chemical stability: | | Not reactive under normal conditi Stable under recommended storage c | |
| (c) Possibility of hazardous r | eactions: | Prolonged exposure to elevated temperatures premature polymerization and release methyl m | |
| (d) Conditions to avoid: | | Temperatures >35°C (95°F). | |
| (e) Incompatible Materials: | O | rganic peroxides, Reducing agent, Metallic Rec oxidizing agents. | lox systems, Strong |
| (f) Hazardous decomposition | products: | None known based on information s | upplied |
| SECTION 11: Toxicological ir | oformation | | |
| Acute toxicity | | Yes | |
| Skin corrosion/irritation Serious Eye Damage / Irritation | | Causes skin irritation. May cause allergic skin Causes serious eye irritation. | |
| Respiratory or skin sensitizat | tion May cau | use irritation to the mucous membranes and up | per respiratory tract. |
| Germ cell mutagenicity | | Not determined | |
| Carcinogenicity | | Methyl Methacrylate Monomer - IARC - G | iroup 3 |
| Reproductive toxicity | | Not determined | |
| STOT-single exposure | May | cause respiratory irritation. May cause drowsin | ess or dizziness. |
| STOT-repeated exposure | | Not determined | |
| Aspiration Hazard | | Not determined | |
| (a) Exposure route: | | Please see above for normal exposure r | outes. |
| (c) Delayed and immediate ef | fects and also chronic | ection 4 of this SDS for symptoms. effects from short and long tem exposure: use see above for effects. | |
| (c) Delayed and immediate ef (d) Numerical measures of to | fects and also chronic Plea | effects from short and long tem exposure: | m (rat) 1 hr |
| | fects and also chronic Plea xicity: | s effects from short and long tem exposure: lse see above for effects. Oral LD50 >7872 mg/kg (rat) Dermal LD50 >5 g/kg (rabbit) | m (rat) 1 hr |
| (d) Numerical measures of to | fects and also chronic Plea xicity: | s effects from short and long tem exposure: lse see above for effects. Oral LD50 >7872 mg/kg (rat) Dermal LD50 >5 g/kg (rabbit) | m (rat) 1 hr |
| (d) Numerical measures of to SECTION 12: Ecological infor | fects and also chronic Plea xicity: | effects from short and long tem exposure: ise see above for effects. Oral LD50 >7872 mg/kg (rat) Dermal LD50 >5 g/kg (rabbit) Inhalation LC50 4632 ppm (rat) 4 h, 400 pp Fish | m (rat) 1 hr Crustacea |
| (d) Numerical measures of to SECTION 12: Ecological infor (a) Ecotoxicity: | fects and also chronic Plea xicity: mation | e effects from short and long tem exposure: ise see above for effects. Oral LD50 >7872 mg/kg (rat) Dermal LD50 >5 g/kg (rabbit) Inhalation LC50 4632 ppm (rat) 4 h, 400 pp | Crustacea 69: 48 h Daphnia |
| (d) Numerical measures of to SECTION 12: Ecological infor (a) Ecotoxicity: | fects and also chronic Plea xicity: mation Aquatic Plants 170: 96h Pseudokirchneriella subcapitata mg/L EC50 | effects from short and long tem exposure: ise see above for effects. Oral LD50 >7872 mg/kg (rat) Dermal LD50 >5 g/kg (rabbit) Inhalation LC50 4632 ppm (rat) 4 h, 400 ppt Fish 243-275: 96 h Pimephales promelas mg/L LC50 flow-through 125.5-190.7: 96 h Pimephales promelas mg/L LC50 static 170- 206: 96 h Lepomis macrochirus mg/L LC50 flow-through 153.9- 341.8: 96 h Lepomis macrochirus mg/L LC50 static 79: 96 h Oncorhynchus mykiss mg/L LC50 static 326.4-426-9: 96 h Poecilia reticulata mg/L LC 50 static | Crustacea 69: 48 h Daphnia |
| (d) Numerical measures of to <u>SECTION 12: Ecological infor</u> (a) Ecotoxicity: 1.Methyl Methacrylate | fects and also chronic Plea xicity: mation Aquatic Plants 170: 96h Pseudokirchneriella subcapitata mg/L EC50 | effects from short and long tem exposure: ise see above for effects. Dral LD50 >7872 mg/kg (rat) Dermal LD50 >5 g/kg (rabbit) Inhalation LC50 4632 ppm (rat) 4 h, 400 ppd Fish 243-275: 96 h Pimephales promelas mg/L LC50 flow-through 125.5-190.7: 96 h Pimephales promelas mg/L LC50 static 170- 206: 96 h Lepomis macrochirus mg/L LC50 flow-through 153.9- 341.8: 96 h Lepomis macrochirus mg/L LC50 static 79: 96 h Oncorhynchus mykiss mg/L LC50 static 326.4-426-9: 96 h Poecilia reticulata mg/L LC 50 static | Crustacea 69: 48 h Daphnia |
| (d) Numerical measures of to SECTION 12: Ecological infor (a) Ecotoxicity: 1.Methyl Methacrylate (b) Persistence and degradate | fects and also chronic Plea xicity: mation Aquatic Plants 170: 96h Pseudokirchneriella subcapitata mg/L EC50 | effects from short and long tem exposure: ise see above for effects. | Crustacea 69: 48 h Daphnia magna mg/L EC50 |
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| tery Data Sheet m No. A 736 Date Prepared: 7/20/2021 SECTION 13: Disposal considerations Product: Recommendation Disposal of Wastes: Disposal should be in accordance with applicable regional, national and local laws an regulations. Contaminated Packaging: Disposal should be in accordance with applicable regional, national and local laws an regulations. Contaminated Packaging: Disposal should be in accordance with applicable regional, national and local laws an regulations. Contaminated Packaging: Disposal should be in accordance with applicable regional, national and local laws an regulations. Contaminated Packaging: Disposal should be in accordance with applicable regional, national and local laws an regulations. Contaminated Packaging: Disposal should be in accordance with applicable regional, national and local laws an regulations. Contaminated Packaging: Disposal should be in accordance with applicable regional, national and local laws an regulations. Contaminated Packaging: Disposal should be in accordance with applicable regional, national and local laws an regulations. Contaminated Packaging: Disposal should be in accordance with applicable regional, national and local laws an regulations. Contaminated Packaging: Disposal should be in accordance with applicable regional, national and local laws an regulations. Contaminated Packaging: Disposal should be in accordance with applicable regional, national and local laws an regulations. Contaminated Packaging: Disposal should be in accordance with applicable regional, national and local laws an regulations. Contaminated Packaging: Disposal Should be in accordance (contaminated Packaging: Disposal Should be in accordance Contaminated Packaging: Disposal Should be in accordance Contaminated Packaging: Disposal Should be in accordance Contaminated Packaging: Disposal Should be regional, national and local laws an regulations: Disposal Should be in accordance Contaminated Packaging: Disposal Should be reginal RO Contaminated Packaging: Disposal Should be regined C | 10.20-FM | | | | | |
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| Disposal of Wastes: Disposal should be in accordance with applicable regional, national and local laws and regulations. Contaminated Packaging: Disposal should be in accordance with applicable regional, national and local laws and regulations. Methyl Methacrylate - RCRA: U102 - RCRA - Basis for Listing: Included in waste stream: F039 - RCRA - U Se Wastes: U162 California Hazardous Waste Status: Toxic, ignitable SECTION 14: Transport Information (a) UN Number UN1247 (b) UN Proper shipping name Methyl methacrylate monomer, stabilized (c) Transport hazard class(es) 3 (d) Packing Group II (e) Environmental hazards Not determined (g) Other Information Not determined SECTION 15: Regulatory information SARA Reporting Requirements: Yes SARA Threshold Planning Quantity: 1.00% TSCA Inventory Status: Not determined CERCLA - Hazardous Substances RQs: 1000 lb - Reportable Quantity: R 1000 lb final RQ, RQ 454 kg final RQ CWA - CWA - Reportable Quantity: Not determined State Regulatory Information: U.S. State Right-to-Know Regulations: New Jersey, Massachusetts, Pennsylvania SECTION 16: Other Information: U.S. State Right-to-Know Regulations: New Jersey, Massachusetts, Pennsylvania SECTION 16: Other Information: Not determined State Regulatory Information: Not determined State Regulatory Information: Not determined State Regulatory Information: Not determined State Regulatory Information: Not determined Flammability Not determined Flammability Not determined Flammability Not determined Flammability Not determined State Neacotity Not determined Flammability Not determined State Information: Not determined Flammability Not determined Flammability Not determined State Reactivity Not determined State Information: Not determined State Reactivity Not determined Flammability Not determined State Reactivity Not determined State Reactity Not determined State React | | | | | | |
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3.10.20-FM Safety Data Sheet Form No. A736 **ABBREVIATIONS** NA Not Applicable ND Not Determined **NE Not Established** ppm parts per million G Gallon mg Milligram L Liter gm Gram mol Mole kg Kilogram µ Micro mm Millimeter p Pico Pa Pascals c cento LC Lethal Concentration ACGIH American Conference of Governmental Industrial Hygienist **CPR Controlled Product's Regulation** NDSL Canadian Non-domestic Substance List IARC International Agency for Research for Cancer **OSHA** Occupational Safety and Health Administration

LD Lethal Dose TC Toxic Concentration **TD** Toxic Dose **BOD Biological Oxygen Demand** COD Chemical Oxygen Demand Lo Lowest ThOD Theoretical Oxygen Demand **TLm Threshold Limit** IC Inhibitory Concentration **DOC Dissolved Organic Carbon** H Hours M Months D Days Y Years W Weeks NOEL No Observed Effect Level NOAEL No Observed Adverse Effect Level DSL Canadian Domestic Substances List PEL Permissible Exposure Limit **TLV Threshold Limit Value**

THIS MATERIAL SAFETY DATA SHEET IS PREPARED IN COMPLIANCE WITH FEDERAL REGULATIONS (29 CFR 1910.1200) OFCHEMICALS AND THE GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION AND LABELLING REVISION 5. ANY APPLICABLE STATE AND LOCAL REGULATIONS SHOULD BE CONSULTED. THE ABOVE INFORMATION MAY BE BASED IN PART ON INFORMATION PROVIDED BY COMPONENT SUPPLIERS AND IS BELIEVED TO BE CORRECT AS OF THE DATE HEREOF. HOWEVER, NO WARRANTY OF MERCHANTABILITY, FITNESS FOR ANY USE, OR ANY OTHER WARRANTY IS EXPRESSED OR IS TO BE IMPLIED REGARDING THE ACCURACY OF THESE DATA, THE RESULTS TO BE OBTAINED FROM THE USE OF THE MATERIAL, OR THE HAZARDS CONNECTED WITH SUCH USE. SINCE THE INFORMATION CONTAINED HEREIN MAY BE APPLIED UNDER CONDITIONS BEYOND OUR CONTROL AND WITH WHICH WE MAY BE UNFAMILIAR, AND SINCE DATA MADE AVAILABLE SUBSEQUENT TO THE DATE HEREOF MAY SUGGEST MODIFICATION OF THE INFORMATION, WE ASSUME NO RESPONSIBILITY FOR THE RESULT OF ITS USE. THIS INFORMATION AND MATERIAL IS FURNISHED ON THE CONDITION THAT THE PERSON RECEIVING IT SHALL MAKE HIS/HER OWN DETERMINATION AS TO THE SUITABILITY OF THE MATERIAL FOR HIS/HER PARTICULAR PURPOSE AND ON THE CONDITION THAT HE/SHE ASSUME THE RISK OF HIS/HER USE THEREOF.