

Material Safety Data Sheet

1 of 3

HDPE-D-1, D-2 & D-3 HVE tips

Section I - Product and Company Identification

Product Name: HDPE- Used in D-1, D-2 & D-3 HVE tips
Chemical Name: High Density Polyethylene

Family: Resin

Manufacturer: T&S Dental & Plastics, Keystone Industries
52 W. King Street, Myerstown, PA 17067

Product Use:
Formula: N/E

Emergency Phone Numbers: (800)-535-5053
Information Contacts: (856)-663-4700

Section II - Hazardous Ingredients

Chemical Identity	CAS Numbers	Percent	Exposure	Limits	Carcinogen
Product contains no reportable Hazardous ingredients					
N/E - None Established N/DA- No Data Available	N/A-Not Applicable N/R - Not Reviewed				

*Disclosure as a toxic chemical is required under section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR part 372

Section III - Hazards Identification

EMERGENCY OVERVIEW

- No unusual dermatitis hazard is expected from routine handling. .
- This product is not respirable as marketed- if irritation should occur, move to a ventilated location.

Potential Health Effects, Signs and Symptoms of Exposure:

Primary Route of Entry

Eye Mechanical Irritation
Skin No Data are available. However, based on experience with handling these polymers, no unusual dermatitis hazard is expected from routine handling

Ingestion

Inhalation

Medical Conditions None known
aggravated by exposure

Section IV - First Aid Measures

First Aid for Eye: Flush with water
First Aid for Skin: Wash areas of contact with soap and water
First Aid for Inhalation: Not expected to be a problem
First Aid for Ingestion: Not expected to be a problem when ingested. If uncomfortable, seek medical assistance.

Section V - Fire Fighting Measures

Flash Point (°F/°C)	Flammable Limit (vol%)	Auto-ignition Temperature (vol%)
500 F / 260 C	N/A	N/A
Method:	Open cup	
Extinguishing Media:	Carbon Dioxide, Foam, Dry chemical, and water fog	
Fire Fighting Instructions:	Water or foam may cause frothing. Use water to keep fire exposed containers cool. Water spray may be used to flush spills away from exposure. For fires in enclosed area, firefighters must use self-contained breathing apparatus. Prevent runoff from fire control or dilution from entering streams or drinking water supply.	
General Hazard:	High dust levels may create potential for explosion	
Decomposition products under fire conditions	NA	

Material Safety Data Sheet

2 of 3

HDPE-D-1, D-2 & D-3 HVE tips

Section VI - Accidental Release Measures

Spill or Release Procedures - • Shovel or vacuum up spilled product and place in closed container for disposal. Do not flush into sewer, stream or other bodies of water.

Section VII - Handling and Storage

Handling • See First Aid and Personal Protective Equipment sections
Storage • Store in cool, dry place. Keep container closed to prevent contamination.
Explosion Hazard • None

Section VIII - Exposure Controls / Personal Protective Equipment

Engineering Controls: VENTILATION – Use local exhaust over heating operations. No special requirements under ordinary conditions of use and with adequate ventilation.

Personal Protective Equipment:

General: None

Eye/ Face Protection: No special protection required

Skin Protection: No special protection required, however; good personal hygiene practices should always be followed

Respiratory Protection: No special requirements under ordinary conditions of use and with adequate ventilation

Personal Protection: No special protection required

Exposure Limits: This product contains no chemicals reportable under SARA (313) toxic release program

Section IX - Physical and Chemical Properties

Appearance	Odor & Odor Threshold	pH	Specific Gravity	Viscosity	% Volatile
Pellets	No odor	N/A		N/A	N/A

Boiling Point/ Freezing Point	Decomposition Temperature	Octanol/Water Partitioning Coefficient Log Po/w	Vapor Pressure:	Vapor Density	Evaporation Rate	Ignition	Solubility In Water (20°C)
N/A	N/A	N/A	N/A	N/A	N/A	N/A	Insoluble

Section X - Stability and Reactivity

Stability:

Stable

Hazardous Decomposition Products:

Carbon monoxide, aldehydes, acetic acid

Conditions to Avoid:

None

Incompatibility (Materials to Avoid):

strong oxidizers

Hazardous Polymerization:

Will not occur.

Section XI - Toxicological Information

Acute Oral Toxicity

(rats) 15G non toxic based on testing of similar products and/or the components

Acute Dermal Toxicity

(rabbits) L050 5G/KG non toxic based on testing of similar products and/or the components

Acute Inhalation Toxicity

(rats) non toxic based on testing of similar products and/or the components

Irritation - skin

(rabbits) expected to be non-irritating-based on testing of similar products and/or the components

Irritation - Eye

(rabbits) expected to be non-irritating- based on testing of similar products and/or the components

Sensitization

N/E

Mutagenicity

N/E

Sub-chronic Toxicity

N/E

Section XII - Ecological Information

Ecotoxicological Information

Acute Toxicity
to Fish

N/E

Acute Toxicity
to Invertebrates

N/E

Acute Toxicity
to Algae

N/E

Bioconcentration

N/E

Toxicity to Sewage
Bacteria

N/E

No information is available. Toxicity is expected to be low based on insolubility in water.

Section XIII - Disposable Concentrations

Dispose as normal refuse. Product is suitable for burning in an enclosed, controlled burner or fuel value or disposal by supervised incineration. Such burning may be limited pursuant to the resource conservation and recovery act. Use of these methods is subject to user compliance with applicable laws and regulations and consideration of product characteristics at time of disposal.

Section XIV - Transport Information

- DOT/UN Shipping Name: Non-hazardous, not regulated.

Section XV - Regulatory Information**US Federal Regulations**

Clean Air Act: HAP	None
Clean Air Act: ODS	None
Clean Water Act: Priority Pollutant	None
FDA: Food Packaging Status	None
Occupational Safety and Health Act	None
RCRA	None
SARA Title III: Section 302	N/A
SARA Title III: Section 304	None
SARA Title III: Section 311-312:	This product contains no extremely hazardous substances
SARA Title III: Section 313:	NA
TSCA Section 8(b): Inventory:	NA
TSCA Section 12(b): Export Notification:	None
TSCA Section 5(e): Consent Order:	None

Section XVI - Other Information

Hazard Rating System

NFPA: Health 0 /Flammability 1 /Reactivity 0

Rev : 04/11/00

The information presented herein was obtained from sources considered to be reliable. However, this information is provided without any warranty, expressed or implied, regarding its correctness or suitability for consumers intended use and/or application. For this and other reasons, we assume no responsibility and expressly disclaim liability for loss, damage or expense arising out of any way connected with the handling, storage, use or disposal of the product. This MSDS was prepared expressly for this product. Use the materials only as directed. If the product is used as a component of another product, the information contained within the MSDS may not be applicable. If one could have any concerns with or problems understanding this MSDS form, please direct all questions to INFOTRAC, Chemical Emergency Resources System at 1(800) 535-5053.