

1 IDENTIFICATION

Product Identifier

Product Name: iD High Temp Endo 6672X
Product Number: 75553

Recommended Use and Restrictions of Use

Recommended Use: Chemical foaming agent for plastics
Restrictions of Use: This product is not intended for use as a direct additive in foods, drugs, cosmetics, pesticides, or in products for which prolonged contact with mucous membranes or abraded skin, or implantation within the human body is specifically intended.

Name, Address, and Telephone Number of the Responsible Party

Company: iD Additives, Inc.
Address: 512 West Burlington Avenue, Suite 208
La Grange, IL 60525 USA
Telephone: (708) 588-0081
FAX: (866) 223-8507
E-Mail: info@idadditives.com

Emergency Telephone Number

Telephone: (708) 588-0081
8 AM – 5 PM Central Time, Monday – Friday (excluding holidays)

2 HAZARD(S) IDENTIFICATION

Classification of the Substance or Mixture

This product is not classified as hazardous under the OSHA Hazard Communication Standard (29 CFR §1910.1200) in the form in which it is shipped by the manufacturer, under normal conditions of use, or during foreseeable emergencies.

Signal Word, Hazard Statements, Symbols, & Precautionary Statements

Signal Word: Not applicable (N/A)
Hazard Statement(s): Not applicable (N/A)
Hazard Pictogram(s): Not applicable (N/A)
Precautionary Statements(s): Not applicable (N/A)

Hazards Not Otherwise Classified (HNOC)

None known

Other Classifications

NFPA



HMIS®

HEALTH	1
FLAMMABILITY	1
PHYSICAL HAZARD	1

3 COMPOSITION / INFORMATION ON INGREDIENTS

Mixtures

This product contains no hazardous components at concentrations sufficient to result in the classification of the product as hazardous to health (*i.e.* above the relevant cut-off value for any particular health hazard) according to the 2012 OSHA Hazard Communication Standard (29 CFR §1910.1200).

4 FIRST AID MEASURES

Description of Necessary Measures

- Eyes** In case of contact with eyes, rinse immediately with water for several minutes. Remove contact lenses if present and easy to do so. Continue rinsing. Get medical attention if irritation occurs.
- Inhalation** Remove to fresh air and keep comfortable for breathing. If not breathing, give artificial respiration and get immediate medical attention. Get medical attention if respiratory irritation occurs.
- Skin** Wash immediately with plenty of soap and water. Get medical attention if irritation or rash occurs.
- Ingestion** Rinse mouth. Do not induce vomiting. If vomiting occurs naturally, have person lean forward to reduce the risk of aspiration. Get medical attention immediately.

Most Important Symptoms / Effects, Acute and Delayed

Refer to Section 11: Toxicological Information.

Indication of Immediate Medical Attention and Special Treatment Needed, If Necessary

Notes to Physician: None known

5 FIRE FIGHTING MEASURES

Suitable (and Unsuitable) Extinguishing Media

- Suitable** Use foam, carbon dioxide (CO₂), dry chemical, or water spray to extinguish fire.
- Unsuitable** Do not use high volume water jet as it may scatter and spread the fire.

Specific Hazards Arising from the Chemical

This product will burn under fire conditions. Burning or thermal decomposition may produce hazardous products, including carbon monoxide, carbon dioxide, and other toxic gases. Spilled pellets may present a slip hazard on floors.

Special Protective Equipment and Precautions for Firefighters

Standard protective equipment for fighting chemical fires should be used, including self contained breathing apparatus (SCBA) and full fire fighting turn-out gear (full Bunker gear).

Caution: CO₂ used for extinguishing will displace air in confined spaces and may cause an oxygen deficient atmosphere.

Move undamaged containers from the immediate hazard area if it can be done safely.

Avoid release to the environment. Water used for extinguishing a fire must be prevented from draining into sewers or being released to the environment.

6 ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures

Spilled pellets may present a slip hazard on floors. Avoid personal contact. Wear personal protective equipment (See Section 8: Exposure Controls / Personal Protection). Isolate the hazard area and deny entry to unnecessary and unprotected personnel.

Special precautions must be taken if small particles have been generated from this product by processing, handling, or by other means, which may form combustible dust concentrations in air. Remove all sources of ignition and avoid breathing dust.

Environmental Precautions

Avoid release to the environment. Do not allow substance to enter into surface water or drains.

Methods and Materials for Containment and Cleaning Up

Sweep up and collect material into suitable containers for reuse or disposal (See Section 13: Disposal Considerations).

Special precautions must be taken if small particles have been generated from this product by processing, handling, or by other means, which may form combustible dust concentrations in air. Remove all sources of ignition. Use explosion-proof equipment for cleanup that has been designed for use with combustible dusts.

7 HANDLING AND STORAGE

Precautions for Safe Handling

Do not breathe vapors generated in high temperature processing operations, and avoid contact with eyes and skin. Use only with adequate ventilation. Do not eat, drink, or use tobacco products while working. Avoid release to the environment.

Pellets may generate static discharge during handling, which can act as an ignition source for any flammable vapors or dusts that are present. To reduce the potential for static discharge, bond and ground containers when transferring material. When flammable solvents are present, the container must be inerted or otherwise designed to prevent or contain an explosion.

SPECIAL PRECAUTIONS: DO NOT generate small particles from this product by pulverizing, grinding, or any other means. Dust generated in this manner may form combustible mixtures with air, and may be harmful if inhaled. If the particle size of the product must be reduced during handling and/or use, contact us for additional information and seek expert advice to mitigate hazards associated with dust generation.

Conditions for Safe Storage, Including Any Incompatibilities

Keep container tightly closed in a cool, dry, and well-ventilated place. Avoid exposure to heat or direct sunlight.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Control Limits

Not applicable (N/A)

Appropriate Engineering Controls

Work in well ventilated areas. The use of local exhaust ventilation is recommended to control air contaminants. Provide mechanical ventilation for confined spaces. Use mechanical handling to reduce human contact with materials.

Individual Protective Measures, Such as Personal Protective Equipment

General Hygiene	Avoid breathing vapors generated during high temperature processing operations or airborne dust. Avoid contact with eyes and skin. Wash thoroughly after handling and before eating, drinking, or using tobacco products.
Eye/Face Protection	Wear safety glasses with side shields or safety goggles.
Skin Protection	Wear protective gloves impervious to the conditions of use and protective clothing. Recommended materials for protective gloves include PVC, rubber, and other plastics.
Respiratory Protection	Wear NIOSH-approved respiratory protection if exposure to vapors generated during high temperature processing operations or airborne dust is possible and in non-routine or emergency situations.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance	white to off-white pellets
Odor	no information available
Odor Threshold	no information available
Physical State	solid
pH value	no information available
Melting Range	no information available
Boiling Point	no information available
Flash Point	no information available
Evaporation Rate	no information available
Flammability	no information available
Upper Flammability Limit	no information available
Lower Flammability Limit	no information available
Vapor Pressure	no information available
Vapor Density	no information available
Specific Gravity	no information available
Solubility in water	no information available
Partition Coefficient (octanol/water)	no information available
Autoignition Temperature	no information available
Decomposition Temperature	no information available
Viscosity	not applicable (N/A)

10 STABILITY AND REACTIVITY

Reactivity

Self-reactive, decomposes endothermically on heating producing water and carbon dioxide. Reacts with acids forming salts, water, and carbon dioxide.

Chemical Stability

Stable under normal ambient and anticipated storage and handling conditions. Water and carbon dioxide are produced on thermal decomposition.

Possibility of Hazardous Reactions

Self-reactive, decomposes endothermically on heating producing water and carbon dioxide.

Conditions to Avoid

Heat, acids, electrostatic discharge and ignition sources, operations resulting in the formation of small particles (grinding, pulverizing, etc.)

Incompatible Materials

Acids

Hazardous Decomposition Products

Burning or thermal decomposition may produce hazardous products, including carbon monoxide, carbon dioxide, and other toxic gases. Vapors produced during processing operations may contain hazardous decomposition products.

11 TOXICOLOGICAL INFORMATION

Signs and Symptoms of Overexposure, Acute and Delayed

Eyes	No known significant effects or critical hazards.
Inhalation	Vapors generated during high temperature polymer processing operations may be harmful if inhaled.
Skin	No known significant effects or critical hazards.
Ingestion	No known significant effects or critical hazards.
Target Organ Effects	No known significant effects or critical hazards.
Chronic Effects	No known significant effects or critical hazards.

Acute Toxicity

Oral	ATE _{mixture} > 2,000 mg/kg
Inhalation	no information available
Dermal	no information available

Skin Corrosion / Irritation

Not classified as a skin irritant based on available data for the components and the GHS rules for the classification of mixtures.

Eye Damage / Irritation

Not classified as an eye irritant based on available data for the components and the GHS rules for the classification of mixtures.

Sensitization

Respiratory Sensitization	no information available
Skin Sensitization	Not classified as a skin sensitizer based on available data for the components and the GHS rules for the classification of mixtures.

Germ Cell Mutagenicity

Not classified as mutagenic based on available data for the components and the GHS rules for the classification of mixtures.

Carcinogenicity

Not classifiable due to lack of component data. This product contains the following components that are classified by IARC, NTP, OSHA, or ACGIH as to their carcinogenicity:

<i>Polyethylene</i>	<i>IARC Group 3 (not classifiable as to its carcinogenicity to humans)</i>
<i>Titanium dioxide</i>	<i>IARC Group 2B (possibly carcinogenic to humans)</i>

Reproductive Toxicity

Not classified as toxic to reproduction based on available data for the components and the GHS rules for the classification of mixtures.

Target Organ Toxicity

Single Exposure no information available
Repeat/Prolonged Exposure Not classified as STOT – RE based on available data for the components and the GHS rules for the classification of mixtures.

Aspiration Hazard

not applicable (N/A)

12 ECOLOGICAL INFORMATION

Ecotoxicity

Acute toxicity - fish no information available
Acute toxicity - algae no information available
Acute toxicity - invertebrates no information available
Acute toxicity - bacteria no information available

Persistence and Degradability

no information available

Bioaccumulative Potential

no information available

Mobility in Soil

no information available

Other Adverse Effects

no information available

13 DISPOSAL CONSIDERATIONS

Recover or recycle if possible.

Disposal of product and contaminated packaging should be in accordance with applicable local, state/provincial, and national laws and regulations. Local regulations may be more stringent than state/provincial or national requirements.

14 TRANSPORT INFORMATION

UN Number

Not regulated

UN Proper Shipping Name

Not regulated

Transport Hazard Class(es)

Not regulated

Packing Group

Not regulated

Environmental Hazard(s)

no information available

Transport in Bulk

no information available

Other Information

Not classified as a hazardous material under US DOT regulations.

15 REGULATORY INFORMATION

Inventory Status

United States (TSCA) All components listed or exempt from listing

USA Federal SARA Title III Rules

Section 302 No components of this material are subject to the reporting requirements of SARA Title III, Section 302.

Section 313 This material does not contain any component(s) listed on the Section 313 Toxic Chemical List.

Section 311/312 Hazards: None known

16 OTHER INFORMATION

Revision Date

June 4, 2018

Reasons for Revision

New product

The following supersedes Buyer's Documents. The information contained herein is believed to be reliable. However, iD Additives, Inc. makes no warranty, whether expressed or implied, including warranties of merchantability or of fitness for a particular purpose, for the product or products referred to herein. Users should undertake sufficient verification and testing to determine the suitability for their own particular purpose of any information or products referred to herein. No statements or recommendations contained herein are to be construed as inducements to infringe any relevant patent, now or hereafter in existence. Under no circumstances shall iD Additives, Inc. be liable for incidental, consequential, or other damages from alleged negligence, breach of warranty, strict liability, or any other legal theory, arising out of the use or handling of the product or products referred to herein. The sole remedy of the buyer and sole liability of iD Additives, Inc. for any claims shall be limited to the buyers purchase price of the product which is subject of the claim or the amount actually paid for each product, whichever is less. Technical advice furnished by seller shall not constitute a warranty, which is expressly disclaimed, all such advice being given and accepted at the buyers risk.

End of SDS