

Prepared to U.S. OSHA, CMA, ANSI, Canadian WHMIS, Australian WorkSafe, Japanese Standard JIS Z 7250:2000, and EU REACH Regulations

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** **WADS, PLASTIC SHOTSHELL**  
**CAS Number:** Mixture  
**Synonyms:** 12 GA. 0.520" (35.6 grains) WAA12, WAA12L, WAA12SL,  
20 GA. 0.520" (24.3 grains) WAA20, WAA28HS, WT12,  
12 GA. 0.440" (28.9 grains) WAA410HS  
20 GA. 0.375"; estimated (19.8 grains)  
**Product Use:** Resin-soltex, F1009 thermoplastic shotshell wads  
**U.N. Number:** None  
**U.N. Dangerous Goods Class** Not regulated  
**Manufacturer:** Olin Corporation – Winchester Division, Inc.  
**Manufacturers' Address:** 600 Powder Mill Road, East Alton, IL 62024 [www.winchester.com](http://www.winchester.com)  
**Emergency Telephone Number:** US/Canada: 1-800-424-9300  
Outside US/Canada: 703-527-3887  
**SDS Control Group:** 618-258-3507 (Technical Information Only)

Olin SDS No.: 00076.0001

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Revision No.: 2

## 2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: DO NOT TAKE INTERNALLY.

US DOT SYMBOLS

None

CANADA (WHMIS) SYMBOLS

This Product is not subject to WHMIS

GHS HAZARD SYMBOLS

None

**GHS Classifications:** None  
**Signal Word:** None

**Hazard Statements:** None

**Target organs:** None

**Precautionary Statements:** None

**GHS Pictograms:** None

**EU Classifications:**

Hazard Symbols None

Risk Phrases None

Safety Phrases None

**Health Hazards or Risks From Exposure**

This product is a molded plastic cylindrical solid. Therefore, under normal handling of this product, no exposure to any harmful materials will occur.

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

Components	% By Weight	CAS Number	EINECS/ ELINCS #
Polyethylene	92 - 100	9002-88-4	Polymer
Ethylene vinyl acetate copolymer	0 - 8	24937-78-8	Polymer
Dilauryl 3,3'-thiodipropionate	0 – 0.5	123-28-4	204-614-1

**4. FIRST AID MEASURES**

**Eye Contact:** Flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. If eye irritation develops, call a physician at once.

**Skin Contact:** If in contact with solid material, wash with soap and water. If in contact with molten material, submerge injured area in cold water. Do not attempt to remove material adhering to skin. Get medical attention if irritation develops or persists.

**Inhalation:** Not a likely route of exposure under normal conditions of use.

**Ingestion:** Not a likely route of exposure under normal conditions of use. If ingested, call a physician.

**Medical Conditions Aggravated By Exposure:**

There are no medical conditions known to be aggravated by exposure to this product in its solid form.

**Recommendations To Physicians:**

None

## 5. FIRE FIGHTING MEASURES

PROPERTY	VALUE	PROPERTY	VALUE
Explosive	No	Flammable	Not applicable
Combustible	Not applicable	Pyrophoric	No
Flash Point (°C):	>445°F(>230°C) (polyethylene)	Burning Rate of Material:	Not determined
Lower Explosive Limit:	Not applicable	Autoignition Temp.:	Not determined
Upper Explosive Limit:	Not applicable	Flammability Classification: (defined by 29 CFR 1910.1200)	Combustible solid

Unusual Fire and Explosion Hazards:

During a fire, irritating and toxic fumes may be generated by thermal decomposition or combustion.

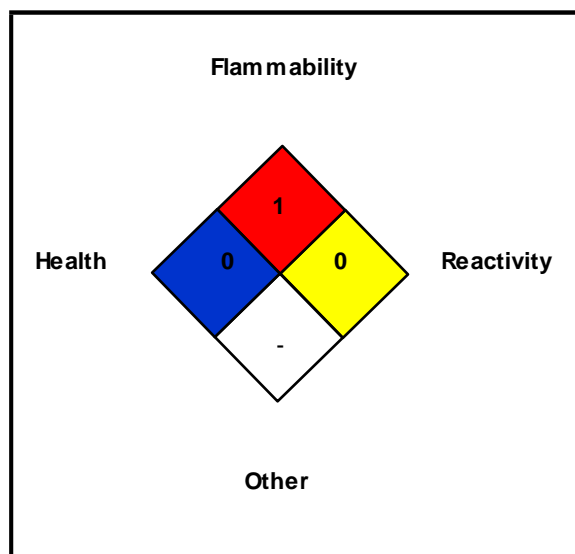
Extinguishing Media:

Use water fog, dry chemical, carbon dioxide or foam as appropriate for materials in surrounding fire.


Special Firefighting Procedures:

In case of fire, wear positive-pressure self-contained breathing apparatus, NIOSH/MSHA approved or equivalent, and full protective clothing. Avoid using direct streams of water on molten burning material as it may spread the fire. Melted material can be slippery, watch footing on floors and stairs in proximity to fire.

## NFPA RATING SYSTEM



## HMIS RATING SYSTEM

HEALTH HAZARD (BLUE)		0	
FLAMMABILITY HAZARD (RED)		1	
PHYSICAL HAZARD (YELLOW)		0	
<b>PROTECTIVE EQUIPMENT</b>			
EYES	PPE CODE	RESPIRATORY	HEARING
	A	See Sect 8	See Sect 8

**Hazard Scale:** 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe \* = Chronic hazard

**6. ACCIDENTAL RELEASE MEASURES**

**FOR ALL TRANSPORTATION ACCIDENTS, CALL CHEM TREC AT 800-424-9300.**

Spill Response: A spill of this material will normally not require emergency response team capabilities. If, however, a large spill occurs, call 1-888-289-1911 for technical assistance.

Accidental Release Procedures: Collect material and place in a designated, labeled waste container. See Section 13 for waste disposal.

**7. HANDLING AND STORAGE**

Precautions for Safe Handling: Use appropriate personal protective equipment (see Section 8). Workers should wash hands after handling.

Conditions for Safe Storage: Store in original containers. Store in a cool, dry, ventilated area. Avoid storage with strong oxidizing agents and amines.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

Control parameters:

CAS #	CHEMICAL NAME	ACGIH TLV	OSHA PEL	INTERNATIONAL OELS
9002-88-4	Polyethylene	None established	None established	None established
24937-78-8	Ethylene vinyl acetate copolymer	None established	None established	None established
123-28-4	Dilauryl 3,3'-thiodipropionate	None established	None established	None established

Engineering Controls: General room ventilation is adequate for storage and ordinary handling.

Respiratory Protection: Respiratory protection not normally needed for properly ventilated areas.

Eye/Face Protection: Wear safety glasses under normal conditions.

Hand Protection: Not normally needed

Skin Protection: Not normally needed.

Hearing Protection: Not normally needed.

General Hygiene: Wash hands thoroughly after use.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

PROPERTY	VALUE	PROPERTY	VALUE
Appearance:	Cylindrical solid	Physical State:	Solid
Odor:	Minimal	Odor Threshold:	None
Boiling Point (°F):	Not applicable	Melting point:	200-250°F (92 -122° C) for polyethylene
Vapor Pressure (mm Hg):	Not applicable	Freezing point:	Not applicable
Vapor Density (air = 1):	Not applicable	Bulk Density:	Not available
Specific gravity (g/cc):	0.95	Viscosity (cps):	Not applicable
pH:	Not applicable	Decomposition Temperature:	Not available
Solubility in Water (20 °C):	Insoluble	Evaporation Rate:	Not applicable
Volatiles, Percent by volume:	Not applicable	Octanol/water partition coefficient:	Not applicable

**10. STABILITY AND REACTIVITY**

Stability: Stable under normal temperatures and pressure.

Possibility of Hazardous Reactions: Hazardous polymerization will not occur

Incompatible Materials: Strong oxidizers and amines

Hazardous Decomposition Products: Carbon monoxide, carbon dioxide and combustion byproducts (oxidized and non-oxidized hydrocarbons)

Conditions to Avoid: None

## 11. TOXICOLOGICAL INFORMATION

Potential Routes of Entry: Inhalation, Skin, and by Ingestion.

The physical nature of this product makes absorption from any route unlikely.

Effects Of Acute Exposure:

PRODUCT		COMPONENTS		
		Polyethylene	Ethylene vinyl acetate copolymer	Dilauryl 3,3'-thiodipropionate
Inhalation LC <sub>50</sub>	Inhalation unlikely	No data	No data	No data
Skin Contact LD <sub>50</sub>	Skin absorption unlikely	No data	No data	No data
Ingestion LD <sub>50</sub>	Ingestion unlikely	> 2,000 mg/kg (rat)	> 2,500 mg/kg (rat)	> 2,500 mg/kg (rat)
Irritation	Not a skin or eye irritant as a solid.	No data	No data	Mild eye irritant
Sensitization	Sensitization to this Product has not been reported	No data	No data	Not sensitizing (guinea pig)

Other Adverse Effects:

Target Organ Toxicity:

No reported target organ toxicity from this product.

Reproductive Toxicity:

This product is not known or reported to cause reproductive effects. In a screening test Dilauryl 3,3'-thiodipropionate was administered to pregnant mice, hamsters and rabbits and had no adverse effects on maternal survival, embryo implantation, or fetal survival.

Teratogenicity (Birth Defects):

This product is not known or reported to cause developmental toxicity.

Mutagenicity:

This product is not known or reported to be mutagenic. Dilauryl 3,3'-thiodipropionate was not mutagenic (Ames test)

Carcinogenicity:

This product is not listed as a carcinogen by OSHA, NTP or IARC.

## 12. ECOLOGICAL INFORMATION

Environmental Effects:

PRODUCT: Product has not been tested for environmental properties.

COMPONENTS:

Polyethylene:

No information available.

Ethylene vinyl acetate copolymer:

No information available.

Dilauryl 3,3'-thiodipropionate:

No information available.

Environmental Fate:

MOBILITY:

No data

PERSISTENCE/DEGRADABILITY:

Inert material and not considered biodegradable.

BIOACCUMULATION:

No data

## 13. DISPOSAL CONSIDERATIONS

The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all relevant local, state and federal laws and regulations regarding the treatment, storage and disposal for hazardous and nonhazardous wastes.

**14. TRANSPORT INFORMATION**Regulatory Information for US DOT, IATA, IMO, and ADR:

Proper Shipping Name: None This material is not regulated as a DOT hazardous material.

Hazard Class Number and Description: None

UN Identification Number: None

Packing Group: None

DOT Label(s) Required: None

Additional Information: None

**15. REGULATORY INFORMATION**US FEDERAL

TSCA	The components of this product are listed on the Toxic Substance Control Act inventory.				
CERCLA:	No components listed.				
SARA 313:	No components listed.				
SARA 311/312:	<u>Health:</u>	Acute – No Chronic - No	<u>Fire:</u> No	<u>Reactivity:</u> None	<u>Release of Pressure:</u> No
SARA 302 EHS List:	None of the components of this product are listed.				

STATE RIGHT-TO-KNOW STATUS

Component	California	New Jersey	Pennsylvania	Massachusetts	Michigan
Polyethylene	Not listed	Not listed	Not listed	Not listed	Not listed
Ethylene vinyl acetate copolymer	Not listed	Not listed	Not listed	Not listed	Not listed
Dilauryl 3,3'-thiodipropionate	Not listed	Not listed	Not listed	Not listed	Not listed

CALIFORNIA SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT (PROPOSITION 65)

No components listed

GHS CLASSIFICATION

None

EUROPEAN REGULATIONS

All chemical components listed on EINECS (polymers are not listed)

Hazard Classification

Danger Symbols: None

Risk Phrases: None

Safety Phrases: None

German WGK Classification: Not known.

CANADIAN REGULATIONS

DSL/NDSL Inventory: The components of this product are on the DSL

IDL: None

CEPA PRIORITIES LIST: None

WHMIS: This product is considered to be a manufactured article and therefore not subject to WHMIS requirements.

#### JAPANESE REGULATIONS

Existing National Inventory of Chemical Substances (ENCS): The components of this product are listed

Japanese Priority Assessment Chemical Substances: None of the components of this product are listed

#### OTHER INTERNATIONAL CHEMICAL INVENTORIES

Swiss Giftlist List of Toxic Substances: All Components Listed

Australian Inventory (AICS): All Components Listed

### 16. OTHER INFORMATION

REVISIONS: 02

PREPARED BY: Olin Corporation

OTHER: Additional information available from: [www.winchester.com](http://www.winchester.com)

NOTICE: THE INFORMATION IN THIS SDS SHOULD BE PROVIDED TO ALL WHO WILL USE, HANDLE, STORE, TRANSPORT, OR OTHERWISE BE EXPOSED TO THIS PRODUCT. THIS INFORMATION HAS BEEN PREPARED FOR THE GUIDANCE OF PLANT ENGINEERING, OPERATIONS AND MANAGEMENT AND FOR PERSONS WORKING WITH OR HANDLING THIS PRODUCT. OLIN BELIEVES THIS INFORMATION TO BE RELIABLE AND CURRENT AS OF THE DATE OF PUBLICATION, BUT MAKES NO WARRANTY THAT IT IS.