

# HEXPOL Compounding

## MATERIAL SAFETY DATA SHEET

### REDIMIX® 9945 STABILIZER-30

Version Number 1.0  
Revision Date 12/16/2013

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#### 1. PRODUCT AND COMPANY IDENTIFICATION

**HEXPOL Compounding**  
14330 Kinsman Road, Burton, OH 44021

Telephone : Product Stewardship (440) 834-4644  
Emergency telephone : CHEMTREC 1-800-424-9300 (24hrs for spill, leak, fire, exposure or accident).

Product name : REDIMIX® 9945 STABILIZER-30  
Product code : AD3000377960  
Chemical Name : Mixture  
CAS-No. : Mixture  
Product Use : Industrial Applications

#### 2. COMPOSITION/INFORMATION ON REGULATED INGREDIENTS

Components	CAS-No.	Weight percent
Antimony trioxide	1309-64-4	5 - 10
Ethene, chloro-, homopolymer	9002-86-2	30 - 60

#### 3. HAZARDS IDENTIFICATION

##### EMERGENCY OVERVIEW

This mixture has not been evaluated as a whole for health effects. Information provided on health effects of this product is based on the individual components. In addition, heating or processing this material may result in product degradation or byproduct formation creating additional hazards. See Sections 8 and 11 for additional details.

##### POTENTIAL HEALTH EFFECTS

**Routes of Exposure:** : Inhalation, Skin contact, Ingestion

##### Acute exposure

Inhalation : Irritating to respiratory system.  
Ingestion : May be harmful if swallowed.  
Eyes : Particulates, like other inert materials can be mechanically irritating.  
Skin : Experience shows no unusual dermatitis hazard from routine handling.

**Chronic exposure** : Refer to Section 11 for Toxicological Information.

**Medical Conditions** : None known.

**Aggravated by Exposure:**

#### 4. FIRST AID MEASURES

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Inhalation	:	Move to fresh air. When symptoms persist or in all cases of doubt seek medical advice.
Ingestion	:	Do not induce vomiting without medical advice. Seek medical attention if necessary.
Eyes	:	Rinse immediately with plenty of water for at least 15 minutes. If eye irritation persists, seek medical attention.
Skin	:	Wash off with soap and plenty of water.

#### **5. FIRE-FIGHTING MEASURES**

Flash point	:	not applicable
Flammable Limits	:	
Upper explosion limit	:	not applicable
Lower explosion limit	:	not applicable
Autoignition temperature	:	No data available
Suitable extinguishing media	:	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide..
Special Fire Fighting Procedures	:	Fullface self-contained breathing apparatus (SCBA) used in positive pressure mode should be worn to prevent inhalation of airborne contaminants.
Unusual Fire/Explosion Hazards	:	Carbon dioxide (CO <sub>2</sub> ), carbon monoxide (CO), oxides of nitrogen (NO <sub>x</sub> ), other hazardous materials, and smoke are all possible.

#### **6. ACCIDENTAL RELEASE MEASURES**

Personal precautions	:	Avoid breathing dust. Avoid dust formation. Ensure adequate ventilation. Wear appropriate personal protection during cleanup, such as impervious gloves, boots and coveralls.
Environmental precautions	:	Should not be released into the environment. The product should not be allowed to enter drains, water courses or the soil.
Methods for cleaning up	:	Clean up promptly by sweeping or vacuum. Do not create a powder cloud by using a brush or compressed air. Shovel into suitable container for disposal. Refer to Section 13 of this MSDS for proper disposal methods.

#### **7. HANDLING AND STORAGE**

Handling	:	Provide for appropriate exhaust ventilation and dust collection at machinery. Avoid formation of dust and aerosols.
Storage	:	Store in a cool dry place. Keep away from open flames, hot surfaces and sources of ignition.

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#### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

- Respiratory protection : When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. Employees using respirators must be properly trained. Employers must follow applicable regulations such as OSHA 29 CFR 1910.134.
- Eye/Face Protection : Safety glasses with side-shields
- Hand protection : Protective gloves. Refer to equipment supplier to ensure protection.
- Skin and body protection : Long sleeved clothing
- Additional Protective Measures : Safety shoes
- General Hygiene Considerations : Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and immediately after handling the product.
- Engineering measures : Adequate ventilation and/or appropriate respiratory protection may also be necessary to minimize employee exposure to processing vapors.

#### Exposure limit(s)

Components	Value	Exposure time	Exposure type	List:
Antimony trioxide	0.5 mg/m <sup>3</sup>	Time Weighted Average (TWA):	as Sb	MX OEL
	0.5 mg/m <sup>3</sup>	Time Weighted Average (TWA):	as Sb	ACGIH
	0.5 mg/m <sup>3</sup>	Recommended exposure limit (REL):	as Sb	NIOSH
	0.5 mg/m <sup>3</sup>	PEL:	as Sb	OSHA Z1
	0.5 mg/m <sup>3</sup>	Time Weighted Average (TWA):	as Sb	OSHA Z1A
Ethene, chloro-, homopolymer	1 mg/m <sup>3</sup>	Time Weighted Average (TWA):	Respirable fraction.	ACGIH
	1 ppm	Time Weighted Average (TWA):	as vinyl chloride monomer	OSHA
	5 ppm	Short Term Exposure Limit (STEL):	as vinyl chloride monomer	OSHA
	0.5 ppm	OSHA Action level:	as vinyl chloride monomer	OSHA

#### 9. PHYSICAL AND CHEMICAL PROPERTIES

Form : Solid Evaporation rate : Not applicable

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Appearance	: powder, Crumb, pellets	Specific Gravity	: Not determined
Color	: NO PIGMENT	Bulk density	: Not determined
Odour	: Very faint	Vapour pressure	: Not applicable
Melting point/range	: not applicable	Vapour density	: not applicable
Boiling Point:	: Not applicable	pH	: not applicable
Water solubility	: negligible		

#### 10. STABILITY AND REACTIVITY

Stability	: Stable.
Hazardous Polymerization	: Will not occur.
Conditions to avoid	: Heat, flames and sparks.
Incompatible Materials	: Strong acids and oxidizing agents
Hazardous decomposition products	: Carbon dioxide (CO <sub>2</sub> ), carbon monoxide (CO), oxides of nitrogen (NO <sub>x</sub> ), other hazardous materials, and smoke are all possible.

#### 11. TOXICOLOGICAL INFORMATION

This mixture has not been evaluated as a whole for health effects. Exposure effects listed are based on existing health data for the individual components which comprise the mixture.

##### Toxicity Overview

This product contains the following components which in their pure form have the following characteristics:

CAS-No.	Chemical Name	Effect	Target Organ
1309-64-4	Antimony trioxide	Systemic effects	Eyes, Respiratory system.
		sensitizer	Skin.

##### LC50 / LD50

This product contains the following components which, in their pure form, have the following toxicity data:

CAS-No.	Chemical Name	Route	Value	Species
1309-64-4	Antimony trioxide	Oral LD50	> 34,600 mg/kg	rat

##### Carcinogenicity

This product contains the following components which, in their pure form, have the following carcinogenicity data:

CAS-No.	Chemical Name	OSHA	IARC	NTP
1309-64-4	Antimony trioxide	no	2B	no
9002-86-2	Ethene, chloro-, homopolymer	yes	no	no

##### IARC Carcinogen Classifications:

1 - The component is carcinogenic to humans.

2A - The component is probably carcinogenic to humans.

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2B - The component is possibly carcinogenic to humans.

NTP Carcinogen Classifications:

1 - The component is known to be a human carcinogen.

2 - The component is reasonably anticipated to be a human carcinogen.

**Additional Health Hazard Information:**

**Antimony trioxide 1309-64-4 Can cause eye irritation. Can cause skin irritation. Symptoms may include redness and burning of skin, and other skin damage. Additional symptoms of skin contact may include: antimony measles (a red, pimply rash).**

#### **12. ECOLOGICAL INFORMATION**

Persistence and degradability : No data available

Environmental Toxicity : No data available

Bioaccumulation Potential : No data available

Additional advice : No data available

#### **13. DISPOSAL CONSIDERATIONS**

Product : Where possible recycling is preferred to disposal or incineration. The generator of waste material has the responsibility for proper waste classification, transportation and disposal in accordance with applicable federal, state/provincial and local regulations.

Contaminated packaging : Recycling is preferred when possible. The generator of waste material has the responsibility for proper waste classification, transportation and disposal in accordance with applicable federal, state/provincial and local regulations.

#### **14. TRANSPORT INFORMATION**

U.S. DOT Classification : Refer to specific regulation.

ICAO/IATA (air) : Refer to specific regulation.

IMO / IMDG (maritime) : Refer to specific regulation.

#### **15. REGULATORY INFORMATION**

US Regulations:

OSHA Status : Classified as hazardous based on components.

TSCA Status : All components of this product are listed on or exempt from the TSCA Inventory.

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US. EPA CERCLA Hazardous Substances (40 CFR 302)

not applicable

California Proposition : WARNING! This product contains a chemical known to the State of  
65 California to cause cancer.

SARA Title III Section 302 Extremely Hazardous Substance

Unless specific chemicals are identified under this section, this product is Not Applicable under this regulation

SARA Title III Section 313 Toxic Chemicals:

Unless specific chemicals are identified under this section, this product is Not Applicable under this regulation

Chemical Name	CAS-No.	Weight percent
ANTIMONY COMPOUNDS	1309-64-4	5.00 - 10.00

Canadian Regulations:

National Pollutant Release Inventory (NPRI)

Chemical Name	CAS-No.	Weight percent	NPRI ID#
Antimony trioxide	1309-64-4	5.00 - 10.00	

WHMIS Classification : D2A

WHMIS Ingredient Disclosure List

CAS-No.
1309-64-4

DSL : All components of this product are on the Canadian Domestic  
Substances List (DSL) or are exempt.

National Inventories:

Australia AICS : Not determined

China IECS : Not determined

Europe EINECS : Listed

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Japan ENCS : Not determined

Korea KECI : Not determined

Philippines PICCS : Not determined

#### **16. OTHER INFORMATION**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.