

# Safety Data Sheet

## ELASTOCAST® AD-ORANGE-02

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(50389730/SDS\_GEN\_US/EN)

### 1. Identification

#### Product identifier used on the label

## ELASTOCAST\* AD-ORANGE-02

#### Recommended use of the chemical and restriction on use

Recommended use: polyurethane component industrial chemicals

Suitable for use in industrial sector: Polymers industry; chemical industry

\* The "Recommended use" identified for this product is provided solely to comply with a US Federal requirement and is not part of the seller's published specification. The terms of this Safety Data Sheet (SDS) do not create or infer any warranty, express or implied, including by incorporation into or reference in the seller's sales agreement.

#### Details of the supplier of the safety data sheet

##### Company:

BASF CORPORATION

100 Park Avenue

Florham Park, NJ 07932, USA

Telephone: +1 973 245-6000

#### Emergency telephone number

CHEMTREC: 1-800-424-9300

BASF HOTLINE: 1-800-832-HELP (4357)

#### Other means of identification

Chemical family: pigment

Synonyms: Pigment

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### 2. Hazards Identification

#### According to Regulation 2012 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200

#### Classification of the product

Eye Dam./Irrit.

2A

Serious eye damage/eye irritation

Carc.

2

Carcinogenicity

#### Label elements (Emergency overview)

Pictogram:

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Signal Word:  
Warning

Hazard Statement:  
H319 Causes serious eye irritation.  
H351 Suspected of causing cancer.

Precautionary Statements (Prevention):  
P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P202 Do not handle until all safety precautions have been read and understood.  
P264 Wash with plenty of water and soap thoroughly after handling.

Precautionary Statements (Response):  
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P308 + P311 IF exposed or concerned: Call a POISON CENTER or doctor/physician.  
P337 + P311 If eye irritation persists: Call a POISON CENTER or doctor/physician.

Precautionary Statements (Storage):  
P405 Store locked up.

Precautionary Statements (Disposal):  
P501 Dispose of contents/container to hazardous or special waste collection point.

### Hazards not otherwise classified

No specific dangers known, if the regulations/notes for storage and handling are considered.

### Emergency overview

#### **According to Regulation 1994 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200**

May cause eye, skin or respiratory irritation.  
MAY BE HARMFUL IF SWALLOWED.  
AVOID CREATING DUST.  
No special handling, labeling or surveillance are required.

## 3. Composition / Information on Ingredients

#### **According to Regulation 2012 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200**

<u>CAS Number</u>	<u>Content (W/W)</u>	<u>Chemical name</u>
13463-67-7	11.4 %	Titanium dioxide

#### **According to Regulation 1994 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200**

<u>CAS Number</u>	<u>Content (W/W)</u>	<u>Chemical name</u>
	75.99 %	Proprietary non-hazardous polymer of BI 000000635140,

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15793-73-4	11.92 %	DK-63025
13463-67-7	11.4 %	C.I. Pigment Orange 34
21645-51-2	0.48 %	Titanium dioxide
1314-23-4	0.12 %	aluminium hydroxide
5468-75-7	0.05 %	zirconium dioxide
2786-76-7	0.04 %	Butanamide, 2,2'-[(3,3'-dichloro[1,1'-biphenyl]-4,4'-diyl)bis(azo)]bis[N-(2-methylphenyl)-3-oxo-2-Naphthalenecarboxamide, 4-[[4-(aminocarbonyl)phenyl]azo]-N-(2-ethoxyphenyl)-3-hydroxy-

### 4. First-Aid Measures

#### Description of first aid measures

##### General advice:

Remove contaminated clothing.

##### If inhaled:

Keep patient calm, remove to fresh air, seek medical attention.

##### If on skin:

Wash thoroughly with soap and water.

##### If in eyes:

Wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist.

##### If swallowed:

Immediately rinse mouth and then drink 200-300 ml of water, seek medical attention.

#### Most important symptoms and effects, both acute and delayed

Symptoms: No significant reaction of the human body to the product known.

Hazards: No hazards anticipated.

#### Indication of any immediate medical attention and special treatment needed

##### Note to physician

Treatment:

Treat according to symptoms (decontamination, vital functions), no known specific antidote.

### 5. Fire-Fighting Measures

#### Extinguishing media

Suitable extinguishing media:

water spray, dry powder, carbon dioxide, foam

#### Special hazards arising from the substance or mixture

Hazards during fire-fighting:

No particular hazards known.

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### Advice for fire-fighters

Protective equipment for fire-fighting:

Firefighters should be equipped with self-contained breathing apparatus and turn-out gear.

### Further information:

Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

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## 6. Accidental release measures

### Further accidental release measures:

High risk of slipping due to leakage/spillage of product.

### Personal precautions, protective equipment and emergency procedures

Use personal protective clothing.

### Environmental precautions

Do not empty into drains. Do not discharge into the subsoil/soil.

### Methods and material for containment and cleaning up

Spills should be contained, solidified, and placed in suitable containers for disposal.

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## 7. Handling and Storage

### Precautions for safe handling

Ensure thorough ventilation of stores and work areas. Protect against moisture.

Protection against fire and explosion:

No explosion proofing necessary.

### Conditions for safe storage, including any incompatibilities

Suitable materials for containers: carbon steel (iron), High density polyethylene (HDPE), Low density polyethylene (LDPE), Stainless steel 1.4301 (V2)

Further information on storage conditions: No special precautions necessary. Avoid extreme heat. Store protected against freezing.

Storage stability:

Storage temperature: 60 - 80 °F

Protect against moisture.

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## 8. Exposure Controls/Personal Protection

### Components with occupational exposure limits

Titanium dioxide	OSHA	PEL 15 mg/m3 Total dust ;
	PEL	
	ACGIH	TWA value 10 mg/m3 ;
	TLV	

### Advice on system design:

Provide local exhaust ventilation to control vapours/mists.

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### Personal protective equipment

#### **Respiratory protection:**

Wear a NIOSH-certified (or equivalent) organic vapour/particulate respirator as needed.

#### **Hand protection:**

Chemical resistant protective gloves

#### **Eye protection:**

Wear face shield or tightly fitting safety goggles (chemical goggles) if splashing hazard exists.

#### **General safety and hygiene measures:**

Avoid contact with skin. Handle in accordance with good industrial hygiene and safety practice. Wear protective clothing as necessary to prevent contact. Avoid inhalation of vapours/mists. Wash soiled clothing immediately.

## 9. Physical and Chemical Properties

Form:	paste	
Odour:	faint odour	
Odour threshold:	No data available.	
Colour:	orange	
pH value:		not determined
Melting point:		not determined
Boiling point:		not determined
Sublimation point:		No applicable information available.
Flash point:	179.44 °C	
Flammability:	not flammable	
Lower explosion limit:		For liquids not relevant for classification and labelling. The lower explosion point may be 5 - 15 °C below the flash point.
Upper explosion limit:		For liquids not relevant for classification and labelling.
Autoignition:		not applicable
Vapour pressure:		( 20 °C) not determined
Density:	9.6097 lb/USg	( 25 °C)
Relative density:	1.155	
Bulk density:	1.155 kg/m3	( 20 °C)
Vapour density:		not applicable
Partitioning coefficient n-octanol/water (log Pow):		not determined
Self-ignition temperature:		not self-igniting
Thermal decomposition:	No decomposition if stored and handled as prescribed/indicated.	
Viscosity, dynamic:		not determined
Viscosity, kinematic:		not determined
Solubility in water:		not determined
Solubility in other solvents:		No applicable information available.
Solubility (qualitative):	No applicable information available.	
Other Information:	If necessary, information on other physical and chemical parameters is indicated in this section.	

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### 10. Stability and Reactivity

#### Reactivity

Additional information:

No hazardous reactions if stored and handled as prescribed/indicated.

Corrosion to metals:

No corrosive effect on metal.

Oxidizing properties:

Not an oxidizer.

#### Chemical stability

The product is stable if stored and handled as prescribed/indicated.

#### Possibility of hazardous reactions

Hazardous reactions:

No hazardous reactions if stored and handled as prescribed/indicated.

#### Conditions to avoid

Conditions to avoid:

Temperature: < 0 degrees Celsius

#### Incompatible materials

Substances to avoid:

acids, oxidizing agents, isocyanates

#### Hazardous decomposition products

Decomposition products:

Hazardous decomposition products: carbon monoxide, carbon dioxide

Thermal decomposition:

No decomposition if stored and handled as prescribed/indicated.

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### 11. Toxicological information

#### Primary routes of exposure

Routes of entry for solids and liquids are ingestion and inhalation, but may include eye or skin contact. Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquefied gases.

#### Acute Toxicity/Effects

##### Acute toxicity

Assessment of acute toxicity:

No known acute effects.

##### Irritation / corrosion

Assessment of irritating effects:

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Eye contact causes irritation.

### Sensitization

Assessment of sensitization:

The chemical structure does not suggest a sensitizing effect.

### Aspiration Hazard

No aspiration hazard expected.

## **Chronic Toxicity/Effects**

### Repeated dose toxicity

Assessment of repeated dose toxicity: No applicable information available.

### Genetic toxicity

Assessment of mutagenicity: The chemical structure does not suggest a specific alert for such an effect.

### Carcinogenicity

Assessment of carcinogenicity: Indication of possible carcinogenic effect in animal tests.

### Reproductive toxicity

Assessment of reproduction toxicity: The chemical structure does not suggest a specific alert for such an effect.

### Teratogenicity

Assessment of teratogenicity: The chemical structure does not suggest a specific alert for such an effect.

### Other Information

The product has not been tested. The statement has been derived from the properties of the individual components.

## **Symptoms of Exposure**

No significant reaction of the human body to the product known.

### Medical conditions aggravated by overexposure

Data available do not indicate that there are medical conditions that are generally recognized as being aggravated by exposure to this substance/product.

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## **12. Ecological Information**

### **Toxicity**

#### Aquatic toxicity

Assessment of aquatic toxicity:

There is a high probability that the product is not acutely harmful to aquatic organisms.

### **Persistence and degradability**

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Assessment biodegradation and elimination (H2O)  
Poorly biodegradable.

### **Bioaccumulative potential**

Assessment bioaccumulation potential  
The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

### **Mobility in soil**

Assessment transport between environmental compartments  
Adsorption to solid soil phase is not expected.

### **Additional information**

Adsorbable organically-bound halogen (AOX):  
This product contains no organically-bound halogen.

Other ecotoxicological advice:  
The product has not been tested. Do not discharge product into the environment without control.

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## **13. Disposal considerations**

**Waste disposal of substance:**  
Incinerate in a licensed facility. Dispose of in a licensed facility. Do not discharge substance/product into sewer system.

**Container disposal:**  
Steel drums must be emptied and can be sent to a licensed drum reconditioner for reuse, a scrap metal dealer or an approved landfill. Do not attempt to refill or clean containers since residue is difficult to remove. Under no circumstances should empty drums be burned or cut open with gas or electric torch as toxic decomposition products may be liberated. Do not reuse empty containers.

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## **14. Transport Information**

**Land transport**  
USDOT

Not classified as a dangerous good under transport regulations

**Sea transport**  
IMDG

Not classified as a dangerous good under transport regulations

**Air transport**  
IATA/ICAO

Not classified as a dangerous good under transport regulations

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## **15. Regulatory Information**

### **Federal Regulations**



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### Registration status:

Chemical TSCA, US released / listed

**EPCRA 311/312 (Hazard categories):** Acute; Chronic

### State regulations

#### State RTK

MA, NJ, PA

#### CAS Number

13463-67-7

#### Chemical name

Titanium dioxide

### CA Prop. 65:

THIS PRODUCT CONTAINS A CHEMICAL(S) KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER.

### NFPA Hazard codes:

Health : 1 Fire: 1 Reactivity: 1 Special:

### HMIS III rating

Health: 1 Flammability: 1 Physical hazard: 1

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## 16. Other Information

### SDS Prepared by:

BASF NA Product Regulations  
SDS Prepared on: 2014/02/21

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BASF CORPORATION WILL NOT MAKE ITS PRODUCTS AVAILABLE TO CUSTOMERS FOR USE IN THE MANUFACTURE OF MEDICAL DEVICES WHICH ARE INTENDED FOR PERMANENT IMPLANTATION IN THE HUMAN BODY OR IN PERMANENT CONTACT WITH INTERNAL BODILY TISSUES OR FLUIDS.

END OF DATA SHEET