



## MATERIAL SAFETY DATA SHEET

“Regulation on Preparation of Safety Data Sheets for Hazardous Substances and Mixtures”  
According to (R.G. 13.12.2014-29204)

NEWOLINE brand Bituminous corrugated roofing plate and ridge

Issue Number: .....  
Issue Date: 19.04.2017

Form No: 026-TR  
Reissue Publishing Date: ...

### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

#### 1.1 Product Information

**Trade Name :** NEWOLINE brand Bituminous corrugated roofing plate

**RANGE :** NEWOLINE Bituminous corrugated roofing plate –red(152.60.001)  
NEWOLINE Bituminous corrugated roofing plate –green(152.60.001)  
NEWOLINE Bituminous ridge–red(152.60.003)  
NEWOLINE Bituminous ridge –green(152.60.004)

**1.2 Usage / Application Area:** It is a roofing plate with corrugated, bitumen based green and red colours applied for water insulation on reinforced concrete, steel, wooden constructions for roof with minimum 9% inclination. One plate occupies a net area of 1.6m<sup>2</sup>. A pallet consists of 350 plates, a pack of 20 plates.

#### 1.3 Manufacturer

**1.3.1 Name of Manufacturer :** YİĞİTSAN YAPI KİMYASALLARI BOYA VE İZOLASYON  
MADENCİLİK SAN.İÇ VE DIŞ TİCARET LTD..ŞTİ

#### 1.4 Emergency Contact

<b>Company:</b>	(614) 804 14 27
<b>Emergency First Aid Centre</b>	911
<b>Poison Information Centre</b>	911
<b>Fire Department</b>	911

### 2. HAZARD IDENTIFICATION

#### 2.1. Hazard Identification

The product does not present a hazardous risk situation.

#### 2.2 Label Elements

##### 2.2. 1 Pictogram

There is no pictogram.

##### 2.2.2 Signal Words

There is no hazard or other risk words.

##### 2.2.3 Hazard Indication for Labelling -



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There is no hazard component for labelling

### 2.3. Additional warnings

All hazard statements are given in Chapter 16.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 Classification / Hazard identification:

It is classified within the framework of local regulations and there are no risk situations.

SUBSTANCE OR COMPOUND	EINECS NO	CAS NO	CONTENT %	CLASSIFICATION
-	-	-	-	--
-	-	-	-	--
-	-	-	-	--

## 4. FIRST AID MEASURES

### 4.1 Description of first aid measures.

#### 4.1.1 General information

Avoid skin contact and breathing at high temperatures in product formation.

#### 4.1.2 Respiratory

The product does not present a hazard to the respiratory system. If melted at high temperature, avoid a hot flash when an application is made for repair, for example when heated with a torch flame.

#### 4.1.3 Skin contact

There is no danger of skin contact with the product.

#### 4.1.4 Eye contact

There is no danger of eye contact. Protective glasses must be used in the roof application.

#### 4.1.5 Ingestion

Rinse mouth of exposed person with plenty of water and give plenty of water to drink. Do not induce vomiting, seek medical attention.

#### 4.1.6 Note for physician:

Treat symptomatically.



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### 4.1.7 Adverse Ecologic Effect:

The product is not ecologically harmful.

## 5. FIRE-FIGHTING MEASURES

### 5.1 General Information

The product is not self-extinguishing.

### 5.2 Extinguishing media:

Dry chemical powder, Foam, Carbon dioxide is recommended. Water spray is never used.

### 5.3 Special hazards of material when combusting:

Combustion produces a dense black smoke which is harmful to health. You need a protective suit and breathing mask.

### 5.4 Special protective equipment:

Responsible personnel must wear respiratory equipment and chemical protective clothing during fire fighting.

### 5.5 Other information

Avoid polluting the environment by using more fire extinguishers than necessary. Fire fighting residues must not be allowed to reach sewage and groundwater. Contaminated water and soil must be disposed according to local regulations.

## 6. ACCIDENTAL RELEASE MEASURES

### 6.1 Personal precautions, protective equipment and emergency procedures:

Use exposure control and personal protective measures as detailed in section 8. Do not breathe the smoke in the environment and remove all ignition sources.

### 6.2 Environmental precautions:

*Prevent mixing of flammable particles in sewer / surface water / groundwater.  
Inform the competent authorities if the product is contaminated to water or sewerage.*

### 6.3 Methods and material for containment and cleaning up:

*Use the appropriate conveyor to pick up the broken, spilled product in metal-based containers*

### 6.4 Additional precautions:



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*Information on safe handling from section 7.  
Refer to chapter 8 for information on personal protective equipment. Refer to section 13 for information on disposal.*

### 7. Handling and storage

#### 7.1 Usage/Handling:

When roofing is done, necessary safety precautions must be taken and started to be applied.

#### 7.2 Storage:

The materials must be stored flat on a flat surface and in a closed container. The tank should be cleaned regularly, ventilation system, temperature and humidity controls should be done regularly. The product should not be exposed to sunlight. It should be avoided that the products in storage are stacked over the palette. Storage temperature; It is considered to be between 5-35 ° C.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### 8.1 Occupational exposure limits

Substance or Mixture	EINECs No	CAS No	Content %	Limit Value				TLV mg/m <sup>3</sup>	Source
				TWA (8 Saat)		STEL (15 Dk.)			
				mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>	ppm		
-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-

#### 8.2 Personal protective equipment:

##### 8.2.1 General protective and hygiene measures

Keep away from food, beverages and animal feed. Remove contaminated clothing immediately, do not use it again before washing. Wash your hands at the end of the work and during break. Gloves must be checked regularly and before each use. Do not eat, drink anything or smoke while using this substance.

##### 8.2.2 Respiratory precautions:

*The use of respiratory protective equipment must be considered when ventilation is inadequate.*

*EN 141 Type ABEK (organic, inorganic, acid inorganic and alkaline gases / vapors) must be used as a combined filter.*

##### 8.2.3 Hand protection



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*Gloves should be selected in accordance with an accepted standard (eg EN 374, US F739).*

### 8.2.4 Eye protection

*Use chemical protective glasses with side shields.*

### 8.2.5 Body protection

*Use protective clothing such as work wear, PVC aprons and boots.*

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 General Information

Appearance	<i>In solid state and corrugated and flat plates (ridge)</i>
Color	<i>One face is red and green, the other face is</i>
Odor	<i>none</i>
Softening point	<i>Min. 120°C</i>
Density	<i>1,0 kg/m<sup>3</sup></i>

### 9.2 Important Health and Safety Information

<i>pH (20 °C) (After mixing with water)</i>	<i>Insoluble in water</i>
<i>Solubility in Water</i>	<i>Insoluble in water</i>
<i>Flammability/Flashing</i>	<i>The product is not self-igniting.</i>

### 9.3 Other Information

<i>Conductivity</i>	<i>none</i>
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## 10. STABILITY AND REACTIVITY

### 10.1 Chemical Stability:

Stable under normal use conditions.

### 10.2 Thermal decomposition / conditions to avoid

(Under conditions that may cause dangerous reactions such as temperature, pressure, light, shock, etc.):

Potentially harmful gases and vapours may form in the event of thermal decomposition or fire.

### 10.3 Hazardous reactions / Materials to avoid

(Water, air, acids, bases, oxidizing agents or any other special substances which may cause dangerous reaction.):

There is no need to avoid it when stored as predicted

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## 11. TOXICOLOGICAL INFORMATION



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### 11.1 General:

Prior exposure, under normal conditions of use, involves eye and skin contact and inhalation of dust.

### 11.2 Acute Toxicity:

No known acute toxicity.

### 11.3 Abrasion and Irritation (Corrosiveness and irritation):

The product does not have abrasive and irritating properties when it is stable.

### 11.4 Effect on health

There is no irritant effect on respiration and skin sensitivity while the product is stable.

### 11.5 Additional Toxicological warnings:

The product has not been tested. The toxicological classification has been made based on the content information and available information.

## 12. ECOLOGICAL INFORMATION

### 12.1 Ecotoxicity:

The ecotoxicity data have not been specifically identified for the assessment of environmental damage of this product.

The information given in this section pertains to the information on the components and to the ecotoxicity of similar substances.

### 12.2 Additional Information:

Do not allow releasing to the environment, see sections 6, 7, 13, 14 and 15 for precautions to releasing after accidents, transportation and disposal of waste.

The product has not been tested and the information on ecotoxicology has been evaluated on its components.

## 13. DISPOSAL CONSIDERATIONS

### 13.1 General Disposal Information Relating to Product:

- Waste and used packaging must be disposed of in accordance with official regulations.
- **Waste Code:** 17 03 02 (bituminous mixtures other than 17 03 01)

### 13.2 Non-cleaned Packages:



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- Paper and PE packaging must be delivered to the licensed authorities for recycling in accordance with applicable laws and regulations.

### 13.3 Additional Information:

- See national and international legislation on waste.
- Do not dispose of the product without checking the waste regulations.

## 14. TRANSPORT INFORMATION

**ADR** : not dangerous  
**RID** : not dangerous  
**ADNR** : not dangerous.  
**IMDG** : not dangerous  
**IATA/ICAO** : not dangerous

Transportation / Additional Information: It does not contain special provisions for dangerous goods in certain classes packed in limited quantities in accordance with the transport regulations. Pay attention to the regulations on the release / disposal of small quantities.

## 15. REGULATORY INFORMATION

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

This material does not require EU labelling and classification.

## 16. OTHER INFORMATION

### 16.1 Abbreviations

ADR: European Agreement on the Transport of Dangerous Goods by Road  
CAS No.: Service register number for chemical substances  
DFG: Deutsche Forschungsgemeinschaft (German Research Society)  
EC50: Effective concentration, 50%  
EINECS No.: European inventory number for chemical substances  
IATA: International Air Transport Association  
IC50: The concentration of the drug which constitutes 50% of the maximum inhibition.  
ICAO: International Civil Aviation Authority  
IMDG: International Maritime Rules for Hazardous Goods  
LC50: Fatal concentration, 50%  
LD50: Fatal dose, 50%



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REACH: Regulation on the Classification, Labelling and Packaging of Chemicals  
STEL: Short Term Exposure Limit (Exposure limit value that should not be exceeded for 15 minutes unless otherwise specified)  
TWA: Time-Weighted Average (time-weighted average measured or calculated for a specified reference time of 8 hours)

### **16.5 Resources**

Regulation on Preparation of Safety Data Sheets for Hazardous Substances and Mixtures

### **16.6 Additional Information:**

- In addition to the information on this form, see 'Technical Data Sheet' of the product.
- The information provided in this Safety Data Sheet was prepared based on our best available experience, knowledge and belief on the date of its preparation. The information provided is designed to be a guide for safe handling, processing, storage, transport and disposal.
- This information applies only to the specified substance, unless otherwise specified in the documentation, and may not apply if this substance is used in combination with other substances or if any other procedure is used.
- This information is based on our current knowledge.
- This Safety Data Sheet defines the product according to the recognized safety regulations, but does not guarantee the safety of the product.
- It does not constitute a guarantee and the product specifications do not establish a legally valid contractual relationship.

### **ISSUED BY :**

Cengizhan NURHAN / YİĞİTSAN YAPI KİMYASALLARI BOYA VE İZOLASYON MADENCİLİK SAN.İÇ VE DIŞ TİCARET LTD. .ŞTİ

TSE certified Safety Data Sheet issuer

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