



# SAFETY DATA SHEET

According to Regulation ( EC ) No. 1907 / 2006

**Form Number**  
ET530VUP-\*

**Substance / Mixture Name**  
ETABASE Universal Soft Putty

**Printing Date**  
**Revision Date**  
**Revision No**

07.2012  
06.12.2016  
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## SECTION 1 • IDENTIFICATION OF THE SUBSTANCE/MIXTURE/AND OF THE COMPANY/UNDERTAKING

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### 1.1- Product identifier:

**Product Name** ETABASE Universal Soft Putty  
**Product Code** ET530VUP-\*

### 1.2- Product Description:

Unsaturated polyester resin based putty developed to fill deep scratches and dents. Produce mainly for car refinish industry.

### 1.3- Details of the supplier of the safety data sheet:

**Company** ETALON is a brand of Alexport Com  
**Address** Pontou 26, P.C. 546 28, Thessaloniki, Greece  
info@alexport.gr, www.etalon.gr  
**Phone** +30 2310 501814  
**Fax** +30 2310 524 771

**1.4- Emergency phone number** 122 or call your doctor/local poison center

## SECTION 2 • HAZARDS IDENTIFICATION

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### 2.1- Classification of the substance or mixture:

**Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS].**

**Physical Hazards** Flammable liquids, Category 3  
**Health Hazards** Causes skin irritation, Category 2  
Causes eye irritation, Category 2  
Specific target organ toxicity – single exposure, Category 3  
Specific target organ toxicity – repeated exposure, Category 1  
**Environmental Hazards** None known.

**Classification according to Regulation (EC) No. 1272 / 2008**

## 2.2- Label elements: Hazard pictograms



GHS02



GHS08



GHS07

Signal word : Danger

### Hazard Statements

<b>H226</b>	Flammable liquid and vapour
<b>H372</b>	Causes damage to organs through prolonged or repeated exposure
<b>H319</b>	Causes serious eye irritation
<b>H315</b>	Causes skin irritation
<b>H335</b>	May cause respiratory irritation.

### Precautionary statements

<b>P210</b>	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking
<b>P241</b>	Use explosion-proof electrical/ventilating/light/.../equipment.
<b>P243</b>	Take precautionary measures against static discharge.
<b>P261</b>	Avoid breathing dust/fume/gas/mist/vapours/spray.
<b>P270</b>	Do not eat, drink or smoke when using this product.
<b>P271</b>	Use only outdoors or in a well-ventilated area.
<b>P280</b>	Wear protective gloves/protective clothing/eye protection/face protection

### Response precautionary statements

<b>P304+P340</b>	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
<b>P301+P310</b>	IF SWALLOWED: Immediately call a POISON CENTER/doctor.
<b>P303+P361+P353</b>	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower.
<b>P305+P351+P338</b>	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.

### Storage precautionary statements

<b>P405</b>	Store locked up.
<b>P403+P233</b>	Store in a well-ventilated place. Keep container tightly closed.

Chemical Name	Concentration	CAS No	EC No	Classification 1272/2008 (CLP)
Styrene	%5-20	100-42-5	202-851-5	Flammable liquid 3; H226, Acute Tox. 4; H332, Skin Irrit. 2; H315, Eye Irrit. H319, Aspiration hazard H304, STOT single exposure H335, STOT repeated exposure H372, Notes D

## SECTION 4 • FIRST AID MEASURES

### 4.1 Description of first aid measures

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- In case of eye contact** : Remove contact lenses, keep eyelids open for at least 10 minutes, flush with plenty of clean water and seek immediate medical attention.
- If inhaled** : Move to fresh air. If person is not breathing, provide artificial respiration. If breathing is irregular or if respiratory arrest occurs, provide oxygen. Seek immediate medical attention.
- In case of skin contact** : Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water or use recognized skin cleanser. Do NOT use solvent or thinner.
- If swallowed** : If swallowed, seek medical advice immediately and show the container or label. Keep person warm and at rest. Do NOT induce vomiting.

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

There are no data available on the mixture itself. The mixture has been assessed following the conventional method of the CLP Regulation (EC) No 1272/2008 and is classified for toxicological properties accordingly

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

**Specific treatments** : No specific treatment.

## SECTION 5 • FIREFIGHTING MEASURES

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### 5.1 Extinguishing media

- Suitable extinguishing media** : Recommended: alcohol-resistant foam, Powders, water spray, Carbon dioxide (CO<sub>2</sub>). For product loss or leakage that has not caught fire, water spray can be used to disperse flammable vapours and protect those trying to stem the leak.
- Unsuitable extinguishing media** : Do not use jets of water. Water is not effective for putting out fires but can be used to cool containers exposed to flames to prevent explosions.

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

- Hazards from the substance or mixture** : Excess pressure may form in containers exposed to fire at a risk of explosion. Do not breathe combustion products (carbon oxide, toxic pyrolysis products, etc).

### 5.3 Advice for firefighters

**Special protective equipment for firefighters** : Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations. Suitable respiratory equipment, protective clothing, protective gloves may be required.

## **SECTION 6 • ACCIDENTAL RELEASE MEASURES**

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

Avoid contact with skin and eyes. Wear suitable protective equipment (personal protective equipment listed in section 8 of the safety data sheet). Keep away from sources of ignition. Ensure adequate ventilation. This information applies to both staff working on emergency interventions.

### **6.2 Environmental precautions**

If any spillage occurs, clean it immediately using absorbent material. Do not allow product to reach sewage system or any water course. Inform respective authorities in case of seepage into water course or sewage system.

### **6.3 Methods and materials for containment and cleaning up**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Do not flush with water or aqueous cleaning agents. Dispose contaminated material as waste according to item 13.). Ensure adequate ventilation.

### **6.4 Reference to other sections**

See Section 1 for emergency contact information.  
See Section 8 for information on appropriate personal protective equipment.  
See Section 13 for additional waste treatment information.

## **SECTION 7 • HANDLING AND STORAGE**

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### **7.1 Handling**

**Precautions for safe handling** : Use earthing leads when transferring from one container to another. Operators should wear anti-static footwear and clothing and floors should be electrically conductive. Exclude sources of heat, sparks and open flame. Use only non-sparking tools. Avoid contact with eyes and skin. Avoid the inhalation of dust, particulates and spray mist arising from the application of this preparation. Smoking, eating and drinking should be prohibited in areas of storage and use.

**7.2 Conditions for safe storage, including any incompatibilities** : Store in accordance with local regulations. Keep away from: oxidizing agents, strong alkalis, strong acids. Observe label precautions. Store in closed original container at temperatures between 5°C and 30°C. Keep away from heat and direct sunlight. Keep away from sources of ignition. No smoking. Prevent unauthorized access. Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

### **7.3 Specific end use(s)**



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**Recommendations** : Not available.

## SECTION 8 • EXPOSURE CONTROLS / PERSONAL PROTECTION

### 8.1 Control parameters

#### Occupational exposure limits

Ingredient name	Type	Exposure limit values			
		TWA (8 hrs.)		STEL (15 min.)	
		mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>	ppm
Styrene	TLV-ACGIH	85	20	170	40

### 8.2. Exposure controls

#### Appropriate engineering controls

: Provide adequate ventilation. Where reasonably practicable, this should be achieved by the use of local exhaust ventilation and good general extraction.

If these are not sufficient to maintain concentrations of particulates and solvent vapors below the OEL, suitable respiratory protection must be worn.

#### Individual protection Measures

: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn: Chemical splash goggles. Recommended: Use protective goggles with side shields. Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when

handling chemical products. Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary.



**Environmental exposure controls** : Do not allow to enter drains or watercourses.

## SECTION 9 • PHYSICAL AND CHEMICAL PROPERTIES

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### 9.1 Information on basic physical and chemical properties

<b>Appearance</b>	: Liquid paste
<b>Color</b>	: Upon request
<b>Odor</b>	: Characteristic
<b>Ph</b>	: Not available
<b>Melting point / range</b>	: Not available
<b>Flash point</b>	: 33 °C
<b>Flammability (solid, gas)</b>	: Not available
<b>Explosive properties</b>	: Not available
<b>Oxidizing properties</b>	: Not available
<b>Vapor pressure</b>	: Not available
<b>Relative density solubility</b>	: 1,80 – 1,85g/ml
- in the water	: Partially
- in the oil (solvent oil indicated)	: Insoluble
<b>Partition coefficient: n-octanol/water</b>	: Not available.
<b>Dynamic viscosity</b>	: 3500 – 4000 cP
<b>Vapor density</b>	: Not available.
<b>Evaporation rate</b>	: Not available.
<b>VOC</b>	: 247,70 g/l

## SECTION 10 • STABILITY AND REACTIVITY

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- 10.1 Reactivity** : No specific test data related to reactivity available for this product.
- 10.2 Chemical stability** : Stable under recommended storage and handling conditions (see Section 7).
- 10.3 Possibility of hazardous reactions** : Under normal conditions of storage and use, hazardous reactions will not occur.
- 10.4 Conditions to avoid** : When exposed to high temperatures may produce hazardous decomposition products
- 10.5 Incompatible materials** : Keep away from the following materials to prevent strong exothermic reactions: oxidising agents, strong alkalis, strong acids
- 10.6 Hazardous decompositions products** : Under normal conditions of storage and use, hazardous decomposition products should not be produced.

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## SECTION 11 • TOXICOLOGICAL INFORMATION

There are no data available on the mixture itself. The mixture has been assessed following the conventional method of the CLP Regulation (EC) No 1272/2008 and is classified for toxicological properties accordingly. See Sections 2 and 3 for details.

If splashed in the eyes, the liquid may cause irritation and reversible damage.  
May cause an allergic skin reaction.  
Inhalation of vapor may cause respiratory irritation.  
Product may cause dizziness, drowsiness, loss of reflex.

### Acute toxicity

Styrene	LD50 (Oral)	5000 mg/kg Rat
	LC50 (Inhalation)	11,8 mg/l/4h Rabbit

### Specific target organ toxicity (single exposure)

Product/ingredient name	Category	Route of exposure
Styrene	Category 3	Inhalation

### Specific target organ toxicity (repeated exposure)

Product/ingredient name	Category	Route of exposure
Styrene	Category 1	Inhalation

## SECTION 12 • EKOLOGICAL INFORMATION

### 12.1 Ecotoxicity

There are no data available on the mixture itself  
Do not allow to enter drains or watercourses.

### 12.2 Persistence and degradability

**Conclusion/Summary** : Not available

**12.3 Bioaccumulative potential**

Product/ingredient name	LogPow	Potential
Styrene	1-3	Low

**12.4 Mobility in soil**

Soil/water partition coefficient (KOC) : Not available

Mobility : Not available

**12.5 Results of PBT and vPvB assessment**

PBT : Not applicable.

vPvB : Not applicable.

**12.6 Other adverse effects** : No known significant effects or critical hazards.

**SECTION 13 • DISPOSAL CONSIDERATIONS**




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**13.1 Waste treatment methods**

The generation of waste should be avoided or minimized wherever possible. Disposal must be performed through an authorized waste management firm, in compliance with national and local regulations. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. Dispose of containers contaminated by the product in accordance with local or national legal provisions. Waste transportation may be subject to ADR restrictions.

**SECTION 14 • TRANSPORT INFORMATION**

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	ADR/RID	IMDG	IATA
UN No	3269	3269	3269
UN proper shipping name	POLYESTER RESIN KIT	POLYESTER RESIN KIT	POLYESTER RESIN KIT
Transport hazard class(es)	3 Flammable liquids 	3 Flammable liquids 	3 Flammable liquids 
Packing group	III	III	III
Environmental hazards	No.	No.	No.
Special precautions for user	<u>Special Provision</u> 236  <u>Limited Quantities</u> 5L  <u>Excepted quantities</u>	<u>EmS Fire Codes</u> F-E  <u>EmS Spill Codes</u> S-D	



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	<u>Code</u> E0  <u>Tunnel Restriction</u> <u>Code</u> E		
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## SECTION 15 • REGULATORY INFORMATION

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

**Seveso Directive** : This product has been controlled under the Seveso Directive.

**Seveso Category** : Category 6

This product has been controlled under the Directive 2009/161/EU - indicative occupational exposure limit values.

This product has been prepared under the Regulation ( EC ) No. 1907 / 2006

**EU Regulation (EC) No. 1907/2006 (REACH)** : None of the components are listed.

**Annex XIV - List of substances subject to authorization**  
**Annex XIV**

**Substances of very high concern** : None of the components are listed.

**Annex XVII – Restrictions on the manufacture** : Not applicable.  
**placing on the market and use of certain dangerous**  
**substances, mixtures and articles**

**Stockholm Convention on Persistent Organic Pollutants** : Not listed

**Rotterdam Convention on Prior Inform Consent (PIC)** : Not listed

**Montreal Protocol (Annexes A, B, C, E)** : Not listed

### 15.2 Chemical safety assessment

For this substance a chemical safety assessment is not required.

## SECTION 16 • OTHER INFORMATION

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**Revision No** : 2

**Key to abbreviations:**

<b>ADR:</b>	European Agreement concerning the International Carriage of Dangerous Goods by Road
<b>CAS NUMBER</b>	: Chemical Abstracts Service
<b>CLP</b>	: Classification, labeling and packaging Regulation (CE) 1272/2008
<b>EUH STATEMENT</b>	: CLP-specific Hazard statement
<b>LD50</b>	: Lethal dose, 50 percent
<b>LC50</b>	: Lethal concentration, 50 percent
<b>INDEX NUMBER</b>	: Table 3.1 of Annex VI to the CLP Regulation.
<b>ECHA</b>	: European Chemicals Agency
<b>vPvB</b>	: Very persistent and very bioaccumulative
<b>PBT</b>	: Persistent, bioaccumulative and toxic
<b>OEL</b>	: Occupational exposure limit
<b>REACH</b>	: Regulation (EC) No 1907/2006
<b>TWA STEL</b>	: <u>Short-term exposure limits</u>
<b>TWA</b>	: Time – weighted average exposure limits
<b>IATA DGR</b>	: International Air Transport Association-Dangerous Goods Regulations
<b>IMDG</b>	: International Maritime Code for Dangerous Goods
<b>ATE</b>	: Acute Toxicity Estimate

**Relevant phrases:**

H226	Flammable liquid and vapour
H372	Causes damage to organs through prolonged or repeated exposure
H319	Causes serious eye irritation
H315	Causes skin irritation.
H335	May cause respiratory irritation.

**Full text of classifications [CLP/GHS]:**

Flam. Liq. 3	H226	Flammable liquids – Category 3
STOT RE 1	H372	Specific Target Toxicity-repeated exposure – Category 1
Eye Irrit. 2	H319	Serious eye damage/eye irritation – Category 2
Skin Irrit. 2	H315	Skin corrosion/irritation - Category 2
STOT SE 3	H335	Specific target organ toxicity (Single exposure) (respiratory irritation) - Category 3



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**Further information:**

The information in this Safety Data Sheet is based on the present state of knowledge and current legislation. 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 product should not be used for purposes other than those shown in Section 1 without first referring to the supplier and obtaining written handling instructions. As the specific conditions of use of the product are outside the supplier's control, the user is responsible for ensuring that the requirements of relevant legislation are complied with.