

PLASTIC

Printing:	4/08/2020	Date of compilation: 27/06/2011	Revised: 8/04/2020	Version: 5 (Replaced 4)				
SECT	SECTION 1: IDENTIFICATION							
1.1	1.1 Product identifier: PLASTIC							
1.2	Recommende	ed uses and any restrictions on use o	or supply:					
	Relevant uses:	Car repair; filler for joints, cracks, etc	. For professional user only.					
	Uses advised a	against: All uses not specified in this secti	ion or in section 7.3					
1.3	Supplier's de	etails:						
	Phone.: +48 9 troton@troton. www.troton.pl Distributor: Wyatt Machine 388 Church Str Ph (09) 525 10	o - Zachodniopomorskie - Polska 4 35 123 94 - Fax: +48 94 35 126 22 .com.pl e Tools (Rupes) NZ Limited reet, Penrose, Auckland 000; Fax (09) 525 1009						
1.4								

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture:

This product contains less than 1% respirable crystalline silica, so it does not require classification

HSNO Act:

This product was classified in accordance with HSNO Act

3.1C: Flammable liquids: medium hazard, H226

6.3A: Substances that are irritating to the skin, H315

6.4A: Substances that are irritating to the eye, H319

9.1D: Substances that are slightly harmful to the aquatic environment or are otherwise designed for biocidal action, H402

2.2 Label elements, including precautionary statements:

HSNO Act:

Warning



Hazard statements:

3.1C: H226 - Flammable liquid and vapour

6.3A: H315 - Causes skin irritation

6.4A: H319 - Causes serious eye irritation

9.1D: H402 - Harmful to aquatic life

Precautionary statements:

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking

P264: Wash thoroughly after use

P280: Wear protective gloves/protective clothing/eye protection/face protection

P302+P352: IF ON SKIN: Wash with plenty of soap and water

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

P370+P378: In case of fire: Use ABC powder extinguisher to put it out

P403+P235: Store in a well-ventilated place. Keep cool

P501: Dispose of contents and / or containers in accordance with regulations on hazardous waste or packaging and packaging waste respectively

2.3 Other hazards which do not result in classification:

Non-applicable

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

PLASTIC

Printing: 4	1/08/2020 Date	of compilation: 27/06/2011	Revised: 8/04/2020	Version: 5 (Replaced 4)		
SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS (continued)						
3.1	Substances:					
	Non-applicable					
3.2	Mixtures:					
	Chemical description: Mixture composed of chemical products					
	Components:					
	In accordance with Part B: Concentration cut-offs for ingredients in mixtures for purpose of section 3 of Hazardous Substances (Safety Data Sheets) Notice 2017, the product contains:					
	Identification Chemical name/Classification Concentration					

	Identification	Chemical name/Classification	Concentration		
CAS:	100-42-5	styrene	10 - <25 %		
CA3. 100-42-5	100-42-5	3.1C: H226; 6.1D: H332; 6.3A: H315; 6.4A: H319; 9.1D: H401 - Warning	10 (25 //		
To obtain more information on the hazards of the substances consult sections 11, 12 and 16.					

SECTION 4: FIRST-AID MEASURES

4.1 First aid instructions according to each relevant route of exposure;:

The symptoms resulting from intoxication can appear after exposure, therefore, in case of doubt, seek medical attention for direct exposure to the chemical product or persistent discomfort, showing the SDS of this product.

By inhalation:

This product is not classified as hazardous through inhalation, however, it is recommended in case of intoxication symptoms to remove the person affected from the area of exposure, provide clean air and keep at rest. Request medical attention if symptoms persist.

By skin contact:

Remove contaminated clothing and footwear, rinse skin or shower the person affected if appropriate with plenty of cold water and neutral soap. In serious cases see a doctor. If the product causes burns or freezing, clothing should not be removed as this could worsen the injury caused if it is stuck to the skin. If blisters form on the skin, these should never be burst as this will increase the risk of infection.

By eye contact:

Rinse eyes thoroughly with lukewarm water for at least 15 minutes. Do not allow the person affected to rub or close their eyes. If the injured person uses contact lenses, these should be removed unless they are stuck to the eyes, as this could cause further damage. In all cases, after cleaning, a doctor should be consulted as quickly as possible with the SDS of the product.

By ingestion/aspiration:

Do not induce vomiting, but if it does happen keep the head down to avoid aspiration. Keep the person affected at rest. Rinse out the mouth and throat, as they may have been affected during ingestion.

4.2 Most important symptoms and effects, acute and delayed:

Acute and delayed effects are indicated in sections 2 and 11.

4.3 Indication of medical attention and its urgency:

Non-applicable

SECTION 5: FIRE-FIGHTING MEASURES

5.1 Information on the appropriate type of extinguishers or fire-fighting agents:

If possible use polyvalent powder fire extinguishers (ABC powder), alternatively use foam or carbon dioxide extinguishers (CO2). IT IS RECOMMENDED NOT to use full jet water as an extinguishing agent.

5.2 Advice on specific hazards that may arise from the substance:

As a result of combustion or thermal decomposition reactive sub-products are created that can become highly toxic and, consequently, can present a serious health risk.

5.3 Special protective equipment and precautions for fire-fighters:

Depending on the magnitude of the fire it may be necessary to use full protective clothing and individual respiratory equipment. Minimum emergency facilities and equipment should be available (fire blankets, portable first aid kit,...) Additional provisions:



PLASTIC

Printing: 4/08/2020 Date of compilation: 27/06/2011 Revised: 8/04/2020 Version: 5 (Replaced 4) SECTION 5: FIRE-FIGHTING MEASURES (continued) Act in accordance with the Internal Emergency Plan and the Information Sheets on actions to take after an accident or other emergencies. Destroy any source of ignition. In case of fire, refrigerate the storage containers and tanks for products susceptible to inflammation, explosion or BLEVE as a result of high temperatures. Avoid spillage of the products used to extinguish the fire into an aqueous medium. SECTION 6: ACCIDENTAL RELEASE MEASURES Personal precautions, protective equipment and emergency procedures: 6.1 Isolate leaks provided that there is no additional risk for the people performing this task. Evacuate the area and keep out those without protection. Personal protection equipment must be used against potential contact with the spilt product (See section 8). Above all prevent the formation of any vapour-air flammable mixtures, through either ventilation or the use of an inert medium. Destroy any source of ignition. Eliminate electrostatic charges by interconnecting all the conductive surfaces on which static electricity could form, and also ensuring that all surfaces are connected to the ground. 6.2 Environmental precautions from accidental spills and release:: Avoid at all cost any type of spillage into an aqueous medium. Contain the product absorbed appropriately in hermetically sealed containers. Notify the relevant authority in case of exposure to the general public or the environment. 6.3 Advice on how to contain and clean up a spill or release: It is recommended: Absorb the spillage using sand or inert absorbent and move it to a safe place. Do not absorb in sawdust or other combustible absorbents. For any concern related to disposal consult section 13.

6.4 Reference to other sections:

See sections 8 and 13.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling:

A.- Precautions for safe manipulation

Comply with the current legislation concerning the prevention of industrial risks. Keep containers hermetically sealed. Control spills and residues, destroying them with safe methods (section 6). Avoid leakages from the container. Maintain order and cleanliness where dangerous products are used.

B.- Technical recommendations for the prevention of fires and explosions

Transfer in well ventilated areas, preferably through localized extraction. Fully control sources of ignition (mobile phones, sparks,...) and ventilate during cleaning operations. Avoid the existence of dangerous atmospheres inside containers, applying inertization systems where possible. Transfer at a slow speed to avoid the creation of electrostatic charges. Against the possibility of electrostatic charges: ensure a perfect equipotential connection, always use groundings, do not wear work clothes made of acrylic fibres, preferably wearing cotton clothing and conductive footwear. Comply with the essential security requirements for equipment and systems and with the minimum requirements for protecting the security and health of workers. Consult section 10 for conditions and materials that should be avoided.

C.- Technical recommendations to prevent ergonomic and toxicological risks

Do not eat or drink during the process, washing hands afterwards with suitable cleaning products.

D.- Technical recommendations to prevent environmental risks

Due to the danger of this product for the environment it is recommended to use it within an area containing contamination control barriers in case of spillage, as well as having absorbent material in close proximity.

7.2 Conditions for safe storage, including any incompatibilities:

A.- Technical measures for storage

Minimum Temp.:	15 °C
Maximum Temp.:	25 °C
Maximum time:	12 Months

B.- General conditions for storage

Avoid sources of heat, radiation, static electricity and contact with food. For additional information see subsection 10.5

7.3 Specific end use(s):

Except for the instructions already specified it is not necessary to provide any special recommendation regarding the uses of this product.



PLASTIC

CT	ION	8: EXPOSURE	CONTR	OLS/PERSONAL PROTEC	TION				
		Occupational exposure limits: Substances whose workplace exposure standards (WES) have to be monitored in the work environment							
	Sub	stances whose w		,	lave to				11 - 11
	styre	ne		Identification			TWA	Occupational exposu 50 ppm	213 mg/m ³
		100-42-5					STEL	100 ppm	426 mg/m ³
	Eng	ineering contro	ols:						
	A	Identification of t	he specif	ic types of personal protective	e equipr	ment			
		Protection Equipn the manufacturer All information co	nent (sto For mor ntained l whethe	e it is recommended to use ba rage, use, cleaning, maintena e information see subsection herein is a recommendation w r the company has additional	nce, cla 7.1. hich ne	ss of protectio	n,) consu	ult the information I	eaflet provided b
		Pictogram		PPE				Remarks	
		Mandatory respiratory tract protection	Fil	er mask for gases and vapours			omes with wa	aell of the contaminant i arnings it is recommend equipment.	
	C	Specific protectio	n for the	hands					
		Pictogram		PPE				Remarks	
		Mandatory hand protection	NON-di	sposable chemical protective gloves		ng which the prod	duct is being	by the manufacturer mu used. Do not use protect me into contact with ski	ctive creams after th
			d has the	e of several substances, the n erefore to be checked prior to n			material ca	an not be calculated	l in advance with
		Pictogram		PPE				Remarks	
		Mandatory face protection		Face shield	Clean	daily and disinfed		v according to the manu e is a risk of splashing.	facturer ´s instructio
	E	Bodily protection							
		Pictogram		PPE				Remarks	
		Mandatory complete body protection		able clothing for protection against al risks, with antistatic and fireproof properties	Fo	For professional use only. Clean periodically according to the manufacturer ' instructions.			
		Safety footwear for protection against chemical risk, with antistatic and heat resistant properties				on.			
	F	Additional emerge	ency mea	asures	-				
		Emergency me	asure	Standards		Emergency	measure	Star	ndards
		Emergency shower				0	, t		12 899

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Safety data sheet According to Hazardous Substances (Safety Data Sheets) Notice 2017

PLASTIC

Printing	: 4/08/2020	Date of compilation: 27/06/2011	Revised: 8/04/2020	Version: 5 (Replaced 4)		
SECT	TION 8: EXPO	SURE CONTROLS/PERSONAL PR	OTECTION (continued)			
		with the community legislation for the h the product and its container. For ad		it is recommended to avoid environmental tion 7.1.D		
SECT	tion 9: Phys	ICAL AND CHEMICAL PROPERTI	ES			
9.1		on basic physical and chemical pr				
5.1		nformation see the product datasheet.	-			
	Appearance:					
	Physical state		Liquid			
	Appearance:		Fluid			
	Colour:		Grey			
	Odour:		Characteristic			
	Odour thresho	ld:	Non-applicable *			
	Volatility:					
	Initial boiling p	point and boiling range:	146 °C			
	Vapour pressu	re at 20 °C:	615 Pa			
	Vapour pressu	re at 50 °C:	3262.68 Pa (3.26 kPa)			
	Evaporation ra	te at 20 °C:	Non-applicable *			
	Product desc	cription:				
	Density at 20 9	°C:	1860 kg/m³			
	Relative densit	ty at 20 °C:	1.86	.86		
	Dynamic visco	sity at 20 °C:	Non-applicable *			
	Kinematic visc	osity at 20 °C:	Non-applicable *			
	Kinematic visc	osity at 40 °C:	Non-applicable *			
	Concentration:	:	Non-applicable *			
	pH:		Non-applicable *			
	Vapour density	/ at 20 ºC:	Non-applicable *			
	Partition coeffi	cient n-octanol/water 20 °C:	Non-applicable *			
	Solubility in wa	ater at 20 °C:	Non-applicable *			
	Solubility prop	erties:	Non-applicable *			
	Decomposition		Non-applicable *			
	Melting point/f		Non-applicable *			
	Explosive prop		Non-applicable *			
	Oxidising prop		Non-applicable *			
	Flammability	7:				
	Flash Point:		32 °C			
	Flammability (Non-applicable *			
	Autoignition te		345 °C			
	Lower flamma		Not available			
	Upper flammal		Not available			
	Explosive:	ve limit:	Non-applicable *			
	Lower explosiv Upper explosiv		Non-applicable *			
9.2	Other inform					
5.2	Surface tension		Non-applicable *			
		to the nature of the product, not providing inf				
			ormation property of its nazarus.			



PLASTIC

inting:	4/08/2020	Date of co	ompilation: 27/06/2011	Revised: 8/04/2020	Version: 5 (Repl	aced 4)
SECT	TON 9: PHYSIC	AL AND C	CHEMICAL PROPERTIE	ES (continued)		
	Refraction index	1		Non-applicable *		
*Not relevant due to the nature of the product, not providing information property of its hazards.						
SECT	TON 10: STABI	LITY AND	REACTIVITY			
10.1	Chemical react	ivity:				
	No hazardous re	actions are	expected because the pr	oduct is stable under reco	mmended storage condit	ions. See section 7.
10.2	Chemical stabi	lity:				
	Chemically stable	e under the	conditions of storage, ha	andling and use.		
10.3	Possibility of h	azardous	reactions:			
	Under the specif	ied conditio	ons, hazardous reactions t	hat lead to excessive tem	peratures or pressure are	e not expected.
10.4	List of conditio	ns to avoi	d or prevent a hazard	ous situation:		
			storage at room tempera			
	Shock and fr	ction	Contact with air	Increase in temperature	Sunlight	Humidity
	Not applica	ble	Not applicable	Risk of combustion	Avoid direct impact	Not applicable
10.5	Information or	n incompa	tible substances or ma	iterials:		
	Acids		Water	Oxidising materials	Combustible materials	Others
	Avoid strong	naida	Not applicable	Avoid direct impact	Not applicable	Avoid alkalis or strong bases

See subsection 10.3, 10.4 and 10.5 to find out the specific decomposition products. Depending on the decomposition conditions, complex mixtures of chemical substances can be released: carbon dioxide (CO2), carbon monoxide and other organic compounds.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects:

The experimental information related to the toxicological properties of the product itself is not available

Dangerous health implications:

In case of exposure that is repetitive, prolonged or at concentrations higher than recommended by the occupational exposure limits, it may result in adverse effects on health depending on the means of exposure:

- A- Ingestion (acute effect):
 - Acute toxicity : Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for consumption. For more information see section 3.
 - Corrosivity/Irritability: The consumption of a considerable dose can cause irritation in the throat, abdominal pain, nausea and vomiting.
- B- Inhalation (acute effect):
 - Acute toxicity : Based on available data, the classification criteria are not met, however, it contains substances classified as dangerous for inhalation. For more information see section 3.
 - Corrosivity/Irritability: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.
- C- Contact with the skin and the eyes (acute effect):
 - Contact with the skin: Produces skin inflammation.
 - Contact with the eyes: Produces eye damage after contact.
- D- CMR effects (carcinogenicity, mutagenicity and toxicity to reproduction):

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PLASTIC

Printing:	4/08/2020	Date of compilation: 27/06/2011	Revised: 8/04/2020	Version: 5 (Replaced 4)
SECT	ION 11: TOX	ICOLOGICAL INFORMATION (contin	ued)	
	as dangero IARC: st < RCS < 1 - Mutage dangerous - Reprodu	ous for the effects mentioned. For more inf yrene (2A); Talc (3); 2,6-di-tert-butyl-p-cre 10%) (1); styrene (2A) inicity: Based on available data, the classific for this effect. For more information see so uctive toxicity: Based on available data, the as dangerous for this effect. For more infor	ormation see section 3. sol (3); Carbon black (2B); cation criteria are not met, ection 3. e classification criteria are n	et, as it does not contain substances classified Silicon dioxide (RCS < 1%) (3); Quartz (1 % as it does not contain substances classified as not met, as it does not contain substances
	dangerous - Cutaneo dangerous	s with sensitising effects. For more informat	tion see section 3. tion criteria are not met, as ection 3.	s it does not contain substances classified as s it does not contain substances classified as
	this effect.	available data, the classification criteria are . For more information see section 3. rget organ toxicity (STOT)-repeated expose		ntain substances classified as dangerous for
	it does not - Skin: Ba	t contain substances classified as dangerou ased on available data, the classification cri for this effect. For more information see s	s for this effect. For more i iteria are not met, as it doe	
	this effect.	For more information see section 3.	not met, as it does not co	ntain substances classified as dangerous for
	Other inform	hation:		
	Non-applicable	e		
	Specific toxi	cology information on the substances	:	

Identification		Acut	Genus	
styrene		LD50 oral	>5000 mg/kg	
CAS: 100-42-5		LD50 dermal	>5000 mg/kg	
		LC50 inhalation	12 mg/L (4 h)	Rat

SECTION 12: ECOLOGICAL INFORMATION

The experimental information related to the eco-toxicological properties of the product itself is not available

12.1 Ecotoxicity (aquatic and terrestrial):

Identification		Acute toxicity	Species	Genus
styrene	LC50	1 - 10 mg/L (96 h)		Fish
CAS: 100-42-5	EC50	1 - 10 mg/L		Crustacean
	EC50	1 - 10 mg/L		Algae

12.2 Persistence and degradability:

Not available

12.3 Potential to be bioaccumulative:

Not available

12.4 Mobility in soil:

Identification	Absorp	Absorption/desorption		ility	
styrene	Кос	Non-applicable	Henry	Non-applicable	
CAS: 100-42-5	Conclusion	Non-applicable	Dry soil	Non-applicable	
	Surface tension	3.21E-2 N/m (25 °C)	Moist soil	Non-applicable	
Desults of DRT and VDVR assessment:					

12.5 Results of PBT and vPvB assessment:

Non-applicable

PLASTIC

Printing: 4/08/2020 Date of compilation: 27/06/2011

Revised: 8/04/2020

Version: 5 (Replaced 4)

SECTION 12: ECOLOGICAL INFORMATION (continued)

12.6 Other adverse effects:

Not described

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Appropriate and achievable disposal methods:

Special precautions to be taken during disposal:

Consult the authorized waste service manager on the assessment and disposal operations. In case the container has been in direct contact with the product, it will be processed the same way as the actual product. Otherwise, it will be processed as non-dangerous residue. We do not recommended disposal down the drain. See epigraph 6.2.

Regulations related to waste management:

Legislation related to waste management:

Imports and Exports (Restrictions) Prohibition Order (No 2) 2004

SECTION 14: TRANSPORT INFORMATION

Transport of dangerous goods by land:

With regard to NZS 5433.1:2012 Transport of dangerous goods on land

		3.1:2012 Transport of dangerous g	-
		UN number:	UN3269
		UN proper shipping name:	POLYESTER RESIN KIT, liquid base material
$\langle \simeq \rangle$	14.3	UN dangerous goods class	3
		and subsidiary risk:	
3		Labels:	3
•		UN Packing Group:	III
		Environmental hazards:	No
	14.6	Special precautions for user	
		Physico-Chemical properties:	see section 9
	14.7	Transport in bulk according	Non-applicable
		to Annex II of MARPOL	
		73/78 and the IBC Code:	
Transport of da	angero	us goods by sea:	
With regard to I	4DG 39	-18:	
	14.1	UN number:	UN3269
JAK .	14.2	UN proper shipping name:	POLYESTER RESIN KIT, liquid base material
$\langle \mathbf{\Psi} \rangle$	14.3	UN dangerous goods class	3
		and subsidiary risk:	
3		Labels:	3
•	14.4	UN Packing Group:	III
	14.5	Environmental hazards:	No
	14.6	Special precautions for user	
		Physico-Chemical properties:	see section 9
	14.7	Transport in bulk according	Non-applicable
		to Annex II of MARPOL	
		73/78 and the IBC Code:	
Transport of da	angero	us goods by air:	
With regard to I/	ATA/ICA	AO 2020:	

PLASTIC

Printing: 4/08/2020	Date of compilation: 27/06/2011		Revised: 8/04/2020	Version: 5 (Replaced 4)			
SECTION 14: TRANSPORT INFORMATION (continued)							
3	14.1 14.2 14.3 14.4 14.5 14.6	UN number: UN proper shipping name: UN dangerous goods class and subsidiary risk: Labels: UN Packing Group: Environmental hazards: Special precautions for user Physico-Chemical properties: Transport in bulk according	see section 9	iquid base material			
	14.7	to Annex II of MARPOL 73/78 and the IBC Code:	Νοιι-αμμικάρια				

SECTION 15: REGULATORY INFORMATION

15.1 Safety, health and environmental regulations specific for the product in question:

Specific provisions in terms of protecting people or the environment:

It is recommended to use the information included in this safety data sheet as data used in a risk evaluation of the local circumstances in order to establish the necessary risk prevention measures for the manipulation, use, storage and disposal of this product.

Relevant regulatory requirements:

Health and Safety at Work (Hazardous Substances) Regulations 2017 Health and Safety at Work Act 2015 Hazardous Substances (Classification) Notice 2017 Hazardous Substances (Labelling) Notice 2017

SECTION 16: OTHER INFORMATION

Legislation related to safety data sheets:

This safety data sheet has been designed in accordance with Schedule 1: Content and format of safety data sheets of Hazardous Substances (Safety Data Sheets) Notice 2017

Texts of the legislative phrases mentioned in section 2:

H315: Causes skin irritation

H402: Harmful to aquatic life

H226: Flammable liquid and vapour

H319: Causes serious eye irritation

Texts of the legislative phrases mentioned in section 3:

The phrases indicated do not refer to the product itself; they are present merely for informative purposes and refer to the individual components which appear in section 3

HSNO Act:

3.1C: H226 - Flammable liquid and vapour

6.1D: H332 - Harmful if inhaled

6.3A: H315 - Causes skin irritation

6.4A: H319 - Causes serious eye irritation

9.1D: H401 - Toxic to aquatic life

Advice related to training:

Minimal training is recommended to prevent industrial risks for staff using this product, in order to facilitate their comprehension and interpretation of this safety data sheet, as well as the label on the product.

Principal bibliographical sources:

https://www.epa.govt.nz/

Abbreviations and acronyms:

PLASTIC

Printing: 4/08/2020	Date of compilation: 27/06/2011	Revised: 8/04/2020	Version: 5 (Replaced 4)	
SECTION 16: OTH	IER INFORMATION (continued)			
IMDG: Interna IATA: Internat ICAO: Interna COD: Chemica BOD5: 5-day t BCF: Bioconce LD50: Lethal I CL50: Lethal C EC50: Effectiv Log-POW: Oct	Concentration 50 e concentration 50 canol-water partition coefficient coefficient of organic carbon	Act		
HSR002662				

The information contained in this safety data sheet is based on sources, technical knowledge and current legislation, without being able to guarantee its accuracy. This information cannot be considered a guarantee of the properties of the product, it is simply a description of the security requirements. The occupational methodology and conditions for users of this product are not within our awareness or control, and it is ultimately the responsibility of the user to take the necessary measures to obtain the legal requirements concerning the manipulation, storage, use and disposal of chemical products. The information on this safety data sheet only refers to this product, which should not be used for needs other than those specified.