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1. NAME OF THE PRODUCT AND THE COMPANY**Trade name of the product:**

“ORGACRYL” ENAMEL AC-53 EXTRA

General use of the product:

It is used for painting of primed and unprimed metal surfaces in the automobile industry, machine-building and the production of high capacity metal equipment. When handling it, add 22-30 g Acrydur 40 Hardener. The mixture is viable for 5 hours after the addition of the hardener. It may be applied by brush or spraying pistol. It should be diluted with AC Thinner. It dries for 8 hours at 23°C or for 30 minutes at 60°C.

The enamels are designated for professional use only. It cannot be applied over surfaces, which get in contact with foods, drinks, drinking water, etc.

Name of the company:

“ORGACHIM” JSC

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Emergency phone:

Company Fire brigade: +359/82/886-333

2. CONTECT OF THE PRODUCT

The product is a well-homogenized suspension of acrylate resin, pigments, thinners and special additives.

According to the EU Directives № 67/548, 88/379 and 92/32 the product is classified as a dangerous substance.

Dangerous content:

CAS No.	EINECS No.	Chemical name	Concentration, %	Symbol	R-phrases
95-47-6	202-422-2	Ortho-xylene	15 – 18	Xn	10-20/21
123-86-4	204-658-1	n-Butyl acetate	8 – 9	-	10-66-67
12656-85-8	235-759-9	Leaden chromate-molybdate-sulphate C.I.104 pigment red	3-13	T, N	61-33-40- 50/53-62

3. HAZARDS IDENTIFICATION

The product is flammable. Keep away from open fire when handling it. It may form dangerous explosive mixtures with the air. It's harmful by inhalation and in contact with skin. There is a risk of serious eye damage. The vapours of the organic solvents in it act as narcotic at high concentrations.

4. FIRST AID MEASURES

Symptoms arisen from prolonged expose: dizziness, headache, nausea, respiratory problems, skin irritation and eye irritation.

Medical attention should be obtained in case of symptoms, connected with breathing and influence over skin and eyes.

Inhalation:

Remove the casualty immediately to fresh air. In case of complaints, seek medical help.

Casual ingestion:

Don't give drinks and don't induce vomiting, if the patient is unconscious or with convulsions. In case of prolonged complaints, consult a doctor.

Skin or clothes contact:

Immediately change the contaminated clothing, wash the contact skin with water and soap. Don't use organic solvents!

Eye contact:

Wash eyes with plenty of fresh water for several minutes, holding eyelids opened.

Remove contact lenses. Call an eye-doctor.

Notes to the doctor:

There is no specific antidote. The treatment from the overexposure should be directed to control of the symptoms and clinical treatment of the patient.

5. FIRE FIGHTING MEASURES

General directions:

Remove all sources of fire: e.g. open fire, lit cigarettes, sparks from tools/equipment.

Always keep packages closed.

Suitable extinguishing agents:

Alkali resistant foam, dry chemical powder, CO₂, water spray.

Unsuitable extinguishing agents:

Thick water spray.

Special hazards arising from the product itself, products formed as a result of its incineration or gasses formed:

Take into consideration that dangerous gas products and thick soot can be formed during its burning.

Special protective equipment:

Using a gas mask and protective firemen clothing is recommended.

Additional instructions:

Extinguish fire in the wind direction. Cool the non-burning packages by spraying water. Prevent spillage and remove the packages to a safety place.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:

Remove all possible sources of ignition. Wear suitable personal protective equipment (see Item 8).

Environment precautions:

Prevent spillage in water basins, tanks, basements, drains and sewerage.

If the spilled product has penetrated into water basins, sewerage, the soil or plants, advise the Fire brigade and the Police.

Prevent accumulation of vapours in closed premises.

Methods for cleaning up:

In case of spillage, surround the spillage and mix it with soil, sand or other similar inert absorbents. Transfer the mixture to an approved safety disposal place and incinerate it under controlled conditions.

7. HANDLING AND STORAGE OF THE PRODUCT

Safe handling:

General precautions, when handling the product:

Provide adequate ventilation when handling or keeping the product.

Don't exceed the concentration limits given in item 8!

Don't eat or drink at the working place. Don't smoke.

Observe the fire prevention measures.

Don't pollute the environment.

Storage:

Keep only in original, tightly closed containers, out of the reach of children or any other unauthorized employees, in covered and dry storehouses, at temperature up to 30°C, away from direct sunlight.

The storehouses should be equipped in compliance with the local Regulations for storage of flammable materials.

Don't keep the product together with foodstuff, drinks or fodder.

Packages should be marked with original labels stuck by the producer.

Observe the storage requirements indicated on the label.

8. EXPOSURE CONTROL AND PERSONAL PROTECTION

Technical measures for supervising the safety labour requirement observance:

Provide adequate ventilation in the working premises to ensure that the defined admissible concentration limit of the hazard substances in the air is not exceeded, according to Ordinance № 13 (SG, issue 8/2004):

Ortho-xylene	- 221 mg/m ³
n-Butyl acetate	- 710 mg/m ³
Lead and inorganic compounds	- 0,05 mg/m ³

Use only non-sparking tools/equipment.

Ensure safe static electricity discharge.

Personal protection:

Use materials, which are resistant to organic solvents like rubber or special plastics.

Respiratory protection:

In case the admissible concentration limit has been exceeded for a long time or the product is handled in small, closed premises, it is recommended to use a gas mask.

Hand protection:

Always wear protective gloves.

Eye protection:

It is recommended to use a face protective mask or goggles.

Body protection:

Wear non-static protective clothing and gum-boots.

Other protective equipment:

The storage and handling places should be equipped with devices for washing/ eye rinsing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical form:	Homogeneous, easily flowing mass
Colour:	After standard
Odour:	Specific for the organic solvents
Boiling point:	Not applicable
Flash point:	24 – 27 ⁰ C
Auto-ignition temperature:	450 – 464 ⁰ C
Explosion limits:	Lower 1 % vol. upper 14,7 % vol.
Vapour pressure:	Not applicable

pH value:	Not applicable
Solubility in water:	Insoluble

10. STABILITY AND REACTIVITY

The product is stable under normal storage conditions.

Conditions to avoid:

High temperature.

Substances to avoid:

Strong oxidants.

Hazardous decomposition products:

The product is non-reactive.

11. TOXICOLOGICAL INFORMATION

The product is classified as health hazardous – see item 2 and 3 of the present data sheet.

Its classification is determined by a conventional method (given in EU-Directive No. 88/379), based on the health hazardous characteristics of the individual components of the product.

Inhalation:

Prolonged inhalation of concentrated organic solvents present in the product, which exceed the admissible concentration limit (see item 8) may cause irritation of the mucous tissue of the respiratory tract or even affect the normal functioning of kidneys, liver and the central nervous system.

Ingestion:

It may injure the digestive system tissue.

Skin contact:

Prolonged and intensive contact with the skin may cause loss of sub-dermal fats, as well as dermatitis.

Eye contact:

Drops from the product or high concentration product vapours may cause eye irritation, which is usually reversible.

12. ECOLOGICAL INFORMATION

Volatility:

The product contains 26 % volatile organic components.

Biodecomposition:

This product doesn't decompose biologically.

Additional information

Prevent spillage penetration into the soil, watercourses, tanks, drains and purifying equipment.

It is recommended to incinerate the unnecessary product at a high temperature.

13. DISPOSAL CONSIDERATIONS

Any remainder of the product or waste material left from its application, as well as the used packages should be disposed according to the local Regulations for processing of special and dangerous waste products.

Recommended disposal methods:

Incineration of the remainder and waste material at high temperatures under control.

Disposal of waste material in special places approved for disposal of dangerous materials.

Recycling of the solvents by distillation, if possible, in case you can manage the problem with the distillation residua.

Metal packages should be recycled in steelworks or disposed in specially intended places, if it's not possible to be recycled for reuse.

14. TRANSPORT INFORMATION

Road transport ADR/RID
Class: 3
Code: 31⁰(c)
UN № 1263
Hazard identification № 30
Hazard symbol: FIRE HAZARDOUS

15. REGULATORY INFORMATION

The following marking is required according to the regulations/directives for dangerous products marking:

It contains lead. It mustn't be applied over surfaces of articles, which may be swollen by children.

Marking of the hazard with T and labeling “Toxic”.

Marking of the hazard with N and labeling “Dangerous for the environment”.

R – phrases

R 10 – Flammable.

R 61 – May cause harm to the unborn child.

R 62 – Risk of impaired fertility.

R 33 – Danger of cumulative effects.

R 40 – Limited evidence of a carcinogenic effect.

R 50/53 – Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S – phrases

S 2 – Keep out of the reach of children.

S 16 – Keep away from sources of ignition - No smoking.

S 53 – Avoid exposure - obtain special instructions before use.

S 45 – In case of accident or if you feel unwell, seek medical advice immediately. (Show the label where possible.).

S 60 – This material and its container must be disposed of as hazardous waste.

S 61 – Avoid release to the environment. Refer to special instructions / Safety data sheets.

16. OTHER INFORMATION

The recommendations and information given in the present publication are to the producer's best knowledge, great experience in handling these materials, as well as the rules for trading.

The present information and recommendations were prepared in accordance with the Bulgarian regulations, the EU-directives and the International agreements, relevant to transportation of dangerous materials.

The present information provides directions for health and environment protection measures and should not be construed as a warranty for technical characteristics or proper specific application.

