



Product name: **EVERAL PRIMER**

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SAFETY DATA SHEET according to Regulation EC No 453/2010

1. SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Product Name

EVERAL PRIMER

Code:

B7739054-seria

1.2 Relevant identified uses of the substance or mixture and uses advised against

Alkyd primer. Painting work

Application method: brush, roller and spray.

1.3. Details of the supplier of the SDS

TIKKURILA POLSKA S.A.

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2. SECTION 2: Hazard identification

2.1 Classification of the substance or mixture

Product definitione

Mixture is classified as dangerous in accordance with Directive 1999/45.

Risks to health: Mixture

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

Flam. Liq. 3, H226

Aquatic Chronic 3, H412

The product is classified as hazardous according to Regulation (EC) 1272/2008 as amended.

Classification according to Directive 1999/45/EC [DPD]

The product is classified as dangerous according to Directive 1999/45/EC and its amendments.

R10

R52/53

Physical/chemical hazards

Flammable

Risks to environmental

Mixture is not classified as dangerous for the environmental.

2.2 Labels elements**Hazard pictograms:****Signal word:** Warning**Hazard statements:**

H226 - Flammable liquid and vapor.

H412 - Harmful to aquatic life with long lasting effects.

Precautionary statements**General** P102 - Keep out of reach of children.

P101 - If medical advice is needed, have product container or label at hand.

Prevention P261 - Avoid breathing vapor.

P280 - Wear protective gloves/clothing.

P271 - Use only outdoors or in a well-ventilated area.

P210 - Keep away from sparks and open flames. - No smoking.

P273 - Avoid release to the environment.

Response Not applicable.**Storage** Not applicable.**Disposal** Not applicable.**Supplemental label elements:** 2-butanonoxim and cobalt salts. May cause an allergic reaction.**2.3 Other hazards****Other hazards which do not result in classification:** None known.**3. SECTION 3: Composition/information on ingredients****3.1 Substance**

not applicable

3.2 Mixture

Product/ingredient name	Identifiers	%	Classification		Notes
			67/548/EWG	Regulation (EC) No. 1272/2008 [CLP]	
hydrocarbons, C9-C11, nalkanes, isoalkanes, cyclics, <2% aromatics	REACH: 01-2119463258-33 WE: 919-857-5 CAS: -	< 12	R10 Xn; R65 R66 R67	Flam. Liq. 3, H226; Asp. Tox. 1, H304; STOT SE 3, H336	H,P
hydrocarbons, C9-C12, nalkanes, isoalkanes, cyclics, aromatics (2-25%)	REACH #: 01-2119458049-33 WE: 919-446-0 CAS: -	< 0,5	R10 Xn; R48/20, R65 R66, R67 N; R51/53	Flam. Liq. 3, H226; Asp. Tox. 1, H304; STOT SE 3, H336 Aquatic Chronic 2, H411	H,P
ethyl methyl ketoxime	REACH #: 01-2119539477-28 WE: 202-496-6 Xn; R21 Eye Dam. 1, H318 CAS: 96-29-7	<0,3	Carc. Cat. 3; R40 Xn; R21 Xi; R41 R43	Carc. 2, H351 Acute Tox. 4, H312 Eye Dam. 1, H318 Skin Sens. 1, H317	-
2-ethylhexanoic acid, zirconium salt	WE: 245-018-1 CAS: 22464-99-9	<0,3	Repr. Cat. 3; R62 Xi; R38	Skin Irrit. 2, H315	-

Product/ingredient name	Identifiers	%	Classification		Notes
			67/548/EWG	Regulation (EC) No. 1272/2008 [CLP]	
			See Section 16 for the full text of the R-phrases declared above.	See Section 16 for the full text of the H statements declared above.	

There are no additional ingredients present which, within the current knowledge of the supplier, are classified and contribute to the classification of the substance and hence require reporting in this section. There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment, are PBTs or vPvBs or have been assigned a workplace exposure limit and hence require reporting in this section. Occupational exposure limits, if available, are listed in Section 8. Notes, if applicable, refer to Notes given in Annex VI of 1272/2008/EC.

4. SECTION 4: First aid measures

4.1 Description of first aid measures

General : In all cases of doubt, or when symptoms persist, seek medical attention. Show this safety data sheet or label to the doctor if possible.

Eye contact : Check for and remove any contact lenses. Immediately flush eyes with plenty of lukewarm water, keeping eyelids open. Continue to rinse for at least 15 minutes. Get medical attention if symptoms occur.

Inhalation: Remove to fresh air. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Get medical attention.

Skin contact: Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water or use recognized skin cleanser. Do NOT use solvents or thinners.

Ingestion: If accidentally swallowed rinse the mouth with plenty of water (only if the person is conscious) and obtain immediate medical attention. Remove to fresh air and keep at rest in a position comfortable for breathing. Do NOT induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed

Inhalation of vapours may cause dizziness, headache and nausea.

See Section 11 for more detailed information on health effects and symptoms.

Contains:ethyl methyl ketoxime. May produce an allergic reaction.

5. SECTION 5: Fire fighting measures

5.1 Extinguishing media

Suitable extinguishing media

Use an extinguishing agent suitable for the surrounding fire. Recommended:

Alcohol resistant foam, CO₂, powders or water spray/mist.

Extinguishing media which must not be used for safety reasons

Do not use a direct water jet that could spread the fire.

5.2 Special hazards arising from the substance or mixture

Hazards from the substance or mixture

Flammable liquid and vapor. Fire will produce dense black smoke. Exposure to decomposition products may cause a health hazard. The vapor/gas is heavier than air and will spread along the ground. Vapors may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back. Runoff to sewer may create fire or explosion hazard.

Hazardous thermal decomposition products

When exposed to high temperatures, may produce hazardous decomposition products, such as carbon monoxide and dioxide, smoke, oxides of nitrogen etc.

5.3 Advice for firefighters

Special protective actions

Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool. This material is hazardous to aquatic organisms. Fire water contaminated

with this material must be contained and prevented from being discharged to any waterway, sewer or drain.

Special protective equipment for fire-fighters

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

6. SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid direct skin contact with product. Avoid breathing vapor or mist. Provide adequate ventilation. See Section 8 for information on appropriate personal protective equipment.

6.2 Environmental precautions

Hazardous to aquatic environment. Do not allow to enter drains, water courses or soil.

6.3 Methods and material for containment and cleaning up

Contain and collect spillage with non-combustible absorbent materials, e.g. sand or vermiculite and place in a container for disposal according to local regulations. Clean preferably with a detergent; avoid the use of solvents.

6.4 Reference to other sections

Use the control measures and personal protective equipment described - section 8.
Waste treatment: section 13

7. SECTION 7: Handling and storage

7.1 Precautions for safe handling

Vapors are heavier than air and may spread along floors. Vapors may form explosive mixtures with air. Prevent the creation of flammable or explosive concentrations of vapors in air and avoid vapor concentrations higher than the occupational exposure limits. Isolate from sources of heat, sparks and open flame. In addition, the product should only be used in areas from which all naked lights and other sources of ignition have been excluded. Electrical equipment should be protected to the appropriate standard. Mixture may charge electrostatically: always use earthing leads when transferring from one container to another. No sparking tools should be used. Avoid contact with skin and eyes. Avoid breathing vapor. Avoid inhalation of dust from sanding. Wear appropriate respirator when ventilation is inadequate. See Section 8 for information on appropriate personal protective equipment. Eating, drinking and smoking should be prohibited in areas where this material is handled and stored. Wash hands before breaks and immediately after handling the product. Avoid release to the environment.

Risk of self-ignition! Materials such as cleaning rags and paper wipes, sanding dust and overspray containing the product, may spontaneously self-ignite some hours later. To avoid the risks of fires, all contaminated materials should be placed in a metal container filled with water and sealed or dried preferably outdoors or incinerated immediately. Contaminated materials should be removed from the workplace at the end of each working day and be stored outside.

7.2 Conditions for safe storage, including any incompatibilities

Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. No smoking. Store and use away from heat, sparks, open flame or any other ignition source. Keep container tightly closed. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Recommended storage temperature is +5°C ...+25°C. Store in accordance with local regulations.

7.3 Specific end uses

No data available.

8 SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limits

No exposure limit value known.

Recommended monitoring procedures

If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment.

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. Use explosion-proof ventilation equipment. If these are not sufficient to maintain concentrations of particulates and solvent vapors below the OEL, suitable respiratory protection must be worn (see Personal protection). Comply with the health and safety at work laws.

Individual protection measures, such as personal protective equipment

Respiratory protection: If ventilation is inadequate, use respirator that will protect against organic vapor and dust/mist. Wear a half mask or full face respirator with gas and vapor filter A and dust filter P2 during sanding (EN140:1998, EN405:2001). During continuous and long-term work the use of motor-driven or air-fed respirators is recommended (EN12941:1998). Be sure to use an approved/certified respirator or equivalent. Check that mask fits tightly and change filter regularly

Hand protection: Wear protective gloves. Gloves should be replaced regularly and if there is any sign of damage to the glove material. The instructions and information provided by the glove manufacturer on use, storage, maintenance and replacement must be followed.

Recommended glove material (EN374):

> 8 hours (breakthrough time): nitrile rubber, laminated foil

Eye protection: Use safety eyewear designed to protect against splash of liquids (EN166).

Skin protection: Wear suitable protective clothing. This product is classified as flammable. If necessary, personnel should wear antistatic clothing made of natural fibers or of high-temperature-resistant synthetic fibers.

9 SECTION 9: Physical and chemical properties

Appearance:	liquid
Odour:	characteristic odor
Odour threshold*):	no available data
pH	not determined
Melting point/freezing point*)	< 0°C
Initial boiling point and boiling range*)	150 - 200°C
Flash point	23°C
Evaporation rate	no available data
Flammability	Flammable
Upper flammability*)	7,6 %(V/V)
Lower flammability*)	1,4 %(V/V)
Vapor pressure, 38°C*)	about 1 kPa
Vapor density *)	> 3 (air=1)
Relative density	1,6 - 1,64 g/cm ³
Solubility in water	< 50 mg/l (20°C)
Partition coefficient: n-octanol/water*)	2 -7
Auto-ignition temperature*)	ok. 250 °C
Decomposition temperature	no available data
Viscosity:	
ISO 3mm (ISO 2431)	>30 s
Kinematic (40°C)	>20,5 mm ² /s
Explosive properties	no available data
Oxidizing properties	no available data

*) hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2 % aromatics

9.2 Other information

No data available.

10 SECTION 10: Stability and reactivity**10.1 Reactivity**

See Section 10.5.

10.2 Chemical stability

Stable under recommended storage and handling conditions. (see Section 7).

10.3 Possibility of hazardous reactions

May present an explosion hazard when material is suspended in air in confined areas or equipment and subjected to spark, heat or flame.

10.4 Conditions to avoid

Avoid extreme heat and freezing. Avoid all possible sources of ignition (spark or flame).

10.5 Incompatible materials

Keep away from the following materials to prevent strong exothermic reactions:

oxidizing agents

strong acids

strong alkalis

10.6 Hazardous decomposition products

When exposed to high temperatures, hazardous decomposition products may be produced, such as carbon monoxide and dioxide, smoke, oxides of nitrogen etc.

11 SECTION 11: Toxicological information

11.1 Information on toxicological effects

No data available for the mixture

Exposure to component solvent vapor concentrations in excess of the stated occupational exposure limit may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and, in extreme cases, loss of consciousness. Repeated or prolonged contact with the mixture may cause removal of natural fat from the skin, resulting in non-allergic contact dermatitis and absorption through the skin. If splashed in the eyes, the liquid may cause irritation and reversible damage. Ingestion may cause nausea, diarrhea and vomiting.

Acute toxicity

Not classified.

Irritation/ /Corrosion

Not classified.

Sensitization

Contains: 2-butanonoxim and cobalt salts. May produce an allergic reaction.

Reproductive toxicity

Not classified.

Carcinogenicity

Not classified.

Mutagenicity

Not classified.

Teratogenicity

Not classified.

Specific target organ toxicity (single exposure)

May cause damage to organs through prolonged or repeated exposure.

Aspiration hazard

Not classified.

12. SECTION 12: Ecological information

Ecological testing has not been conducted on this product.

Do not allow to enter drains, water courses or soil.

The product is classified as environmentally hazardous according to Regulation (EC) 1272/2008.

Harmful to aquatic life with long lasting effects.

12.1 Toxicity

No data available for the mixture

12.2 Persistence and degradability

No data available for the mixture

12.3 Bioaccumulative potential

No data available for the mixture

12.4 Mobility in soil

No data available for the mixture

12.5 Results of PBT and vPvB assessment

Mixture does not meet the criteria for PBT or vPvB according to Regulation EC No 1207/2006, Annex XIII.

12.6 Other adverse effect

No data available for the mixture. The product should not be allowed to enter drains or water courses.

13 SECTION 13: Waste treatment

13.1 Waste treatment method

Product

Methods of disposal

Remove as much product as possible from the tools before cleaning. Liquid residue and cleaning liquids are hazardous waste and must not be emptied into drains or sewage system, but handled in accordance with national regulations. Product residues should be left at special companies which have permission for gathering this kind of wastes.

Gather residues into waste containers. Destroy according to the rules given by local authorities. Liquid residue from the product is classified according to Waste Catalogue with – code kod 08 01 11.

If this product is mixed with other wastes, the original waste product code may no longer apply and the appropriate code should be assigned. For further information, contact your local waste authority.

Packaging

Methods of disposal

Empty packaging should be recycled or disposed of in accordance with national regulations.

Special precautions

Risk of self-ignition! Materials such as cleaning rags and paper wipes, sanding dust and overspray containing the product, may spontaneously self-ignite some hours later. To avoid the risks of fires, waste like this should be placed in a metal container filled with water and sealed before disposal, or dried preferably outdoors or incinerated immediately.

14 SECTION 14: Transport information

14.1 UN number: UN 1263

14.2 UN proper shipping name: PAINT

14.3 Transport hazard class(es) 3

14.4 Packing group III

14.5 Environmental hazards

The product is not classified as environmentally hazardous according to international transport regulations.

14.6 Special precautions for users

During handling wear personal protective equipment accordance with section 8.

Tunnel restriction code: (D/E)

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

not applicable

14.8 Further Information

Drums/vessels < 450 liters: not subject to ADR accordance with paragraph 2.2.3.1.5 ADR

15 SECTION 15: Regulatory information

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

Regulation of the European Union:

Regulation (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC with subsequent corrections and modifications.

REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labeling and packaging of substances and mixtures, amending

and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006

DIRECTIVE 2004/42/CE OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 21 April 2004 on the limitation of emissions of volatile organic compounds due to the use of organic solvents in certain paints and varnishes and vehicle refinishing products and amending Directive 1999/13/EC

15.2 Chemical Safety Report

This product contains substances for which Chemical Safety Assessments are still required

16 SECTION 16: Other information

This Safety Data Sheet is prepared in accordance with Annex II (EU) No 453/2010 to Regulation (EC) No 1907/2006 (REACH).

The information contained in this Safety Data Sheet is based on the present state of knowledge and current EU and national legislation. It provides guidance on health, safety and environmental aspects of the product and should not be construed as any guarantee of technical performance or suitability for particular applications.

Directive 2004/42/CE

Procedure used to derive the classification according to Regulation (EC) No 1272/2008)

Classification

Flam. Liq. 3, H226

Aquatic Chronic 3, H412

Justification

On basis of test data

Calculation method

R-phrases

R10 Flammable.

R21 Harmful in contact with skin.

R40 Limited evidence of a carcinogenic effect

R41 Risk of serious damage to eyes.

R43 May cause sensitization by skin contact.

R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

R65 Harmful: may cause lung damage if swallowed.

R66 Repeated exposure may cause skin dryness or cracking.

R67 Vapours may cause drowsiness and dizziness.

H-statements

H226 Flammable liquid and vapour.

H304 May be fatal if swallowed and enters airways.

H312 Harmful in contact with skin.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H336 May cause drowsiness and dizziness.

H351 Suspected of causing cancer <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.

H411 Toxic to aquatic life with long lasting effects.