ChemMix

Safety data sheet
Sicherheitsdatenblatt
Karta bezpečnostných údajov

ChemMix, s.r.o. , Fančová 196, 972 71 Čereňany, Slovenská Republika

Prepared according to COMMISSION REGULATION (EU) no. 2015/830 amending the European Regulation of the Parliament and the Council (EC) no. 1907/2006 on the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH).

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SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/ UNDERTAKING

1.1 Product identifier

Trade name:	**CERESOL**
Chemical name:	Polyvinylchloride (polymer of vinylchloride) plastizol
REACH registration number for monomer vinylchloride:	01-2119458772-30-0002
CAS number:	75-01-4
EINECS number:	200-831-0
Index number - vinylchloride:	602-023-00-7
Chemical characteristics:	polymer

1.2 Relevant identified uses of the substance or mixture and uses advised against
It is suitable for casting and subsequent compression processing.
Uses advised against: not available

1.3 Details of the supplier of the safety data sheet

Producers name:	ChemMix, s.r.o.
Address:	**Fančová 196, 972 46 Čereňany Slovenská Republikaka**
Phone:	+421/907 757 424
Mobil:	+421/907 757 424
Fax:	----------
Contact to a responsible person for the SDS:	info@chemmix.sk

1.4 Emergency telephone number
NÁRODNÉ TOXIKOLOGICKÉ INFORMAČNÉ CENTRUM,
FNsP Bratislava, pracovisko Kramáre
Klinika pracovného lekárstva a toxikológie
Limbová 5
833 05 Bratislava

Tel.:	+421 2 54774166
Mobil:	+421 911 166 066
Fax:	+421 2 54774605
E-mail:	ntic@ntic.sk
Web:	www.ntic.sk

SECTION 2: HAZARDS IDENTFICATION

2.1 Classification of the substance or mixture:
Classification according to Regulation (EC) of the EP and of the Council No.1272/2008 (CLP): not classified
2.2 Label elements:
Labelling according Council Directive CLP: without labeling
2.3 Other hazards: -

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS	ES	Classification CLP	H sentence
PVC	9002-86-2	-	-	-
Bis(2 ethylhexyl)terephthalate	6422-86-2	229-176-9	-	-

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SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures:
Inhalation: Fresh air. Fix the patient in calm and prevent from the undercooling.
Skin contact: Take off the contaminated clothing. Wash the skin with water and soap and apply skin - protective cream.
Eye contact: Wash off 10-15 min with clean water. Immediately summon doctor.
Ingestion: Rinse mouth, immediately summon doctor.
4.2 Most important symptoms and effects, both acute and delayed: no data available
4.3 Indication of any immediate medical attention and special treatment needed: Call a physician if health problems occur or if you are not sure.

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media: carbon dioxide, foam, sand, water spray. Extinguishing agent should be specified also with regard to the fire surroundings.
5.2 Special hazards arising from the substance or mixture: Exposure resulted from the combustion products and related gases.
5.3 Advice for firefighters: Self contained breathing apparatus and full protective clothing must be worn!
Other informatiom: Material burns only in the direct fire, otherwise it is a self-extinguishing material. In case of tube transport the electrostatic charge is to be led away.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures:
For other than emergency personnel: Use a protective glasses, face protection, protective clothing.
For emergency personnel: Use full protection – protective clothing, breathing apparatus.
6.2 Environmental precautions: Do not allow discharge to the sewerage system and water source.
6.3 Methods and materials for containment and cleaning up:
Pick up and arrange disposal without creating dust. Keep in property labelled containers. Treat recovered material as described in the section 13.
6.4 Reference to other sections:
For information on exposure control and personal protection see Section 8 and for further information on disposal considerations see Section 13.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling: In case of tube transport the electrostatic charge is to be led away. Avoid dust formation. Do not eat, drink and smoke at workplace.
7.2 Conditions for safe storage, including any incompatibilities: Keep in dry and good ventilated storage place. Protection should be provided against weather effect and sunlight. Storage with organic solvents of all sorts, or chemical substances against which the PVC has no guarantied chemical resistance is not allowed.
7.3 Specific end use(s): no data available

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SECTION 8: EXPOSURE CONTROL/PERSONAL PROTECTION

8.1 Control parameters:

Domestic limit values of exposure in working environment (Regulation of the Government of the Slovak Republic No. 355/2006 Coll.) for PVC dust:
NPEL: 5 mg/m^3
Limit values of exposures in the Community:
EU Directive– limits are not known

8.2 Exposure controls:

Technical measures: Ventilation of work places. Apply technical measures to comply with the occupational exposure limits.

Personal protection equipment:

Hand protection: protective gloves
Eye protection: protective glasses
Skin protection: protective clothing and shoes
Respiratory protection: In case of higher concentration use a respirator with the particle filter P2 (EN143).
Environmental exposure controls: Do not allow discharge to the sewerage system and water source.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties:

Appearance:	slightly viscous liquid
Colour:	black
Odour:	odorless
pH (water solution):	no data available no
Boiling point (°C):	data available no
Melting point (°C):	data available no
Flash point (°C):	data available no
Flammability:	data available no
Temperature of spontaneous combustion (°C):	data available
Lower limit of explosion:	explosion-proof
Superior limit of explosion:	no data available no
Oxidising properties:	data available no
Vapour pressure (hPa):	data available no
Relative density (g/cm^3)	data available no
Water solubility (g/l):	data available
Solubility in solvents:	- insoluble in organic solvents, - soluble in chlorinated hydrocarbons, in ketone - slightly soluble in esters and aromatic hydrocarbons
Hardness:	55 – 57 °ShA
Density of pressing:	1,19 – 1,21 g.cm^{-3}

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity:	no data available
10.2 Chemical stability:	It shows good thermal stability. The substance is stable under common conditions. It is resistant to acids alkalis, mineral oils and aliphatic hydrocarbons.

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10.3 Possibility of hazardous reactions:	if the storage conditions are performed, no spontaneous hazardous reactions occur in the product.
10.4 Conditions to avoid:	Higher temperature, naked flame, sparks and the other fire sources. Keep off the weather effects (moisture, sun beams). Avoid direct contact with strong oxidizing agents.
10.5 Incompatible materials:	strong oxidizing agents
10.6 Hazardous decomposition products:	Combustion will release HCl, CO_2, CO, and chlorinated hydrocarbons.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects:	
Acute oral toxicity:	no data available
Acute inhalation toxicity:	no data available
Acute dermal toxicity:	no data available
Skin burn/irritation:	non-irritating
Eye irritation:	non-irritating
Respiratory and skin sensibility:	Existing data does not show that product is skin sensible. No sufficient data on sensibility of respiratory system are available.
Germ cell mutagenicity:	the substance does not show mutagenic effects under common conditions and handling. the substance does not show carcinogenic effects
Carcinogenicity:	under common conditions and handling
Reproductive toxicity:	the substance does not affect fetus as well as reproduction under common conditions and handling.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity: Acute and prolonged fish toxicity:	no data vailable
12.2 Persistence and degradability:	PVC is persistent, biological difficult degradable
12.3 Bioaccumulative potential:	no data available
12.4 Mobility in soil:	no data available
12.5 Results of PBT and vPvB assessment:	no data available

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Pick up and arrange disposal without creating dust. Keep in property labelled containers.

Waste liquidate in accordance with current national/regional legislation.

Recommended disposal of contaminated packs: Packs liquidate in accordance with current legislation.

SECTION 14: TRANSPORT INFORMATIONS

The substance is not dangerous in accordance with transport legislation ADR/RID.

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SECTION 15: REGULATORY INFORMATION

Not classified as hazardous under European guidlines.

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture:
Regulation of the Government of the Slovak Republic No. 355/2006 Coll. on Protection of Employees Against Hazards Related to exposure to chemical factors at work as amended. Decree No.284/2001 Coll. on establishing the Waste Catalogue.
Regulation (EC) No. 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).
Regulation (EC) No. 1272/2008 of the European Parliament and of the Council on Classification, Labelling and Packaging of substances and mixtures (CLP).

15.2 Chemical safety assessment: Chemical safety assessment was performed within the frame of monomer vinylchloride registration according to REACH Regulation.

SECTION 16: OTHER INFORMATION

Full text of H-Statements referred to under sections 3:
H315 Causes skin irritation
H318 Causes serious eye damage
H335 May cause respiratory irritation
MSDS revision according to Regulation of the EP and of the Council (EC) No.1907/2006 (REACH) and its amending published in Commission Regulation No. 453/2010: without revision
Changes in Safety Data Sheet: -

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