

Material Safety Data Sheet

Prepared in accordance with Annex II of REACH Regulation (EC) 1907/2006, Regulation (EC) 1272/2008 and regulation (EC) 453/2010 with later changes

Vi-Pro® EASY TO TOOL

Version: 1.0/EN

Date: 27.08.2016

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

1.1 Product Identifier

Product name : Vi-Pro Easy To Tool - Liquid for Sealant Tooling (concentrated)
Registration number REACH: Not applicable (mixture)
Product type REACH: Mixture (Organic)

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

The product is used as a sealant and/or adhesive (polyurethane) in building industry. No uses advised against known.

1.3 Details of the supplier of the safety data sheet:

Name	Proventuss Polska Sp. z o.o.
Address	Flisa 4, 02-247 Warszawa
Phone of person responsible	+48 22 122 85 49
e-mail of person responsible	reach@vi-pro.eu

1.4 Emergency telephone number:

Centrum Toksykologii Szpitala Praskiego tel. 22 555 12 68, numer alarmowy 112

2. Hazards

2.1 Classification of the substance or mixture:

2.1.1 Classification according to Directive EC No 1272/2008

The mixture is not classified as dangerous under (EC) No 1272/2008 (CLP)

2.1.2 Classification under Directives 67/548 / EEC or 1999/45 / EC

The mixture is not classified as hazardous.

Material Safety Data Sheet

Prepared in accordance with Annex II of REACH Regulation (EC) 1907/2006, Regulation (EC) 1272/2008 and regulation (EC) 453/2010 with later changes

Vi-Pro® EASY TO TOOL

Version: 1.0/EN

Date: 27.08.2016

2.2 Label elements

2.2.1 Labelling according to regulation EC 1272/2008 (CLP)

Contains 5-chloro-2-methyl-2H-isothiazol-3-one (EU 247-500-7) and 2-methyl-2H-isothiazol-3-one (EU 220-239-6) in a ratio of 3: 1. May cause allergic reaction.

SDS are available upon request

Elements of danger

H302 Harmful if swallowed

H319 Causes serious eye irritation

EUH066 Repeated exposure may cause skin dryness or cracking

Precautions

P101 In need of medical care, bring with you container or label

P102 Keep out of reach of children

P103 Read label before use

P273 Avoid release to the environment

P304+P340+P312 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell

P501 contents / container to the applicable collection point for waste.

Special labeling: no

2.3 Other hazards:

This mixture is not identified as a PBT or vPvB substance.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical characterization: mixture

Description: Aqueous solution of the substances listed below with non-hazardous substances.

Material Safety Data Sheet

Prepared in accordance with Annex II of REACH Regulation (EC) 1907/2006, Regulation (EC) 1272/2008 and regulation (EC) 453/2010 with later changes

Vi-Pro® EASY TO TOOL

Version: 1.0/EN

Date: 27.08.2016

Name (REACH registration No)	CAS number Einecs number	Classification according to 67/548 / EEC	Classification according to EC No 1272/2008	Concentration w. %
CMIT / MIT 3: 1	55965-84-9	T: R23 / 24/25; C: R34; Sens.: R43; N: R50 / 53	Acute Tox. 3: H331; Acute Tox. 3: H311; Acute Tox. 3: H301; Skin Corr. 1B: H314; Skin Sens. 1: H317; Aquatic Acute 1: H400; Aquatic Chronic 1: H410	0.06 - 0.1
sodium dodecyl sulfate	151-21-3	Xn, R20 / 22, R37 / 38, R41	Flam. Sol. 2; Acute Tox. 4; Acute Tox. 3; Skin Irrit. 2; Eye Dam. 1; STOT SE 3; H228, H302, H311, H315, H318, H335	5-10
lauryl ether sulfate sodium	9004-82-4	Xi, R36 / 38	Eye Irrit. 2, H319 Skin Irrit. 2, H315	2-3

4. First aid measures

4.1 Description of first aid measures

After inhalation:

Not applicable

After skin contact:

If irritation persists after contact - contact your doctor. Remedy contaminated clothing. Immediately wash with soap and water and rinse thoroughly.

Material Safety Data Sheet

Prepared in accordance with Annex II of REACH Regulation (EC) 1907/2006, Regulation (EC) 1272/2008 and regulation (EC) 453/2010 with later changes

Vi-Pro® EASY TO TOOL

Version: 1.0/EN

Date: 27.08.2016

Contact with eyes:

Rinse eyes for several minutes with running water. If symptoms persist, contact a physician.

After swallowing:

It is possible to get headaches, nausea

Contact a physician immediately. Do not induce vomiting.

4.2 Most important acute and delayed symptoms and effects.

In the event of symptoms and effects can be found in section 11. In some cases, symptoms of poisoning can occur only after a long period / several hours.

4.3 Indication of any immediate medical attention and special treatment.

no

5. FIRE - FIGHTING MEASURES

5.1 Extinguishing media

Suitable means, according to the degree and size of fire.

Unsuitable: None

5.2 Special dangers that arise from the substance or mixture:

Carbon monoxide, sulfur dioxide and oxides are dissociated.

5.3 Advice for firefighters:

Special protective equipment: Self-contained breathing apparatus.

Treat wastewater according to official regulations.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures:

No special requirements. Remove any unprotected individuals.

Material Safety Data Sheet

Prepared in accordance with Annex II of REACH Regulation (EC) 1907/2006, Regulation (EC) 1272/2008 and regulation (EC) 453/2010 with later changes

Vi-Pro® EASY TO TOOL

Version: 1.0/EN

Date: 27.08.2016

6.2 Measures for environmental protection:

Do not allow penetration into drains and surface waters.

6.3 Methods and materials for containment and cleanup of contamination:

Soak up with sand or other suitable absorbent agent and treat waste in accordance with section 13. Rinse thoroughly with water.

6.4 Reference to other sections:

Section 7 for information on safe use.

Section 8 for information on personal protective equipment.

Section 13 for information on disposal.

7. HANDLING AND STORAGE

7.1 Handling

7.1.1 Information on safe handling:

Observe the instructions in the label.

7.1.2 Information on hygiene measures at the workplace:

The general hygiene measures for handling chemicals in the workplace. Wash hands after work. Keep away from foodstuffs and beverages. Remove contaminated clothing and protective equipment before entering places where food is consumed.

7.2 Storage Conditions

Store product closed in original packaging. Do not store on tracks and near the stairs.

8 . EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters:

Ingredients that have norms of control in the workplace: -

8.2 Exposure controls and personal protection measures:

Material Safety Data Sheet

Prepared in accordance with Annex II of REACH Regulation (EC) 1907/2006, Regulation (EC) 1272/2008 and regulation (EC) 453/2010 with later changes

Vi-Pro® EASY TO TOOL

Version: 1.0/EN

Date: 27.08.2016

The general hygiene measures for handling chemicals in the workplace. Wash hands after work. Keep away from foodstuffs and beverages. Remove contaminated clothing and protective equipment before entering places where food is consumed.

Protection of eyes / face: not necessary

Protection of hands: it is recommended the use of gloves - butyl, chloroprene, PVC (EN374), time to penetrate the material > 480 min.

Unsuitable materials: gloves made of polyvinyl alcohol (EN374)

Respiratory protection: no special requirements

Skin protection: no special requirements

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Basic chemical and physical properties

Appearance

Form: Clear liquid

Smell: typical detergent

Other **data**:

a pH value: 7-8

Density: 1:02 to 1:04

Boiling point: > 100 ° C

Freezing point: > 5 ° C

Water solubility: complete

Viscosity at 20 ° C: 200-400 centipoise

Oxidative ability: no

Explosion: no

9.2 Other important information

Risk of explosion: Product is not explosive

10 . STABILITY AND REACTIVITY

10.1 Reactivity:

The product showed no reactivity. May react with strong oxidizing agents. See also 10.2 to 10.6

Material Safety Data Sheet

Prepared in accordance with Annex II of REACH Regulation (EC) 1907/2006, Regulation (EC) 1272/2008 and regulation (EC) 453/2010 with later changes

Vi-Pro® EASY TO TOOL

Version: 1.0/EN

Date: 27.08.2016

10.2 Chemical stability:

Stable under normal conditions and storage. See also 10.1 to 10.6

10.3 Possibility of hazardous reactions

See also 10.1 to 10.6

10.4 Conditions to avoid

See section 7.

10.5 Incompatible materials:

See section 7.

None known.

10.6 Hazardous decomposition products:

See also 10.1 to 10.5. See section 5.2

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity:

on the skin: Irritant to skin with prolonged contact

eyes: irritant effect.

Name	Oral LD50	Dermal LD50	LC inhalation
CMIT / MIT 3: 1	RAT 53mg / kg		

Further toxicological data:

no

Material Safety Data Sheet

Prepared in accordance with Annex II of REACH Regulation (EC) 1907/2006, Regulation (EC) 1272/2008 and regulation (EC) 453/2010 with later changes

Vi-Pro® EASY TO TOOL

Version: 1.0/EN

Date: 27.08.2016

12. ECOLOGICAL INFORMATION

12.1. Toxicity

No data are available for the product Easy to tool.

Sodium dodecyl sulfate:

Algae toxicity: Growth Inhibition *Pseudokirchneriella subcapitata* - 2.68 mg / l - 6 days
toxicity to fish:

- Mortality NOEC - *Oncorhynchus mykiss* (rainbow trout) - 19.5 mg / l - 96 hours
- LC50 - *Oncorhynchus mykiss* (rainbow trout) - 3.6 mg / l - 96 hours

12.2. Persistence and degradability:

Readily biodegradable

12.3. Bioaccumulative potential

Bioaccumulation potential: no bioaccumulative potential.

12.4. Mobility in soil

Mobility: No data

12.5. Results of PBT and vPvB assessment:

They have not been conducted

12.6. Other adverse effects:

no

13. DISPOSAL CONSIDERATIONS

General Information

Waste is not classified as dangerous. Transmission of licensed waste in accordance with local rules.

13.1. Methods of treatment

Waste and empty containers must be considered as hazardous waste and handled in accordance with local and national regulations.

Code on the packaging of the waste material (Directive 2008/98 / EC).

Material Safety Data Sheet

Prepared in accordance with Annex II of REACH Regulation (EC) 1907/2006, Regulation (EC) 1272/2008 and regulation (EC) 453/2010 with later changes

Vi-Pro® EASY TO TOOL

Version: 1.0/EN

Date: 27.08.2016

15 01 10 * (packaging containing residues or contaminated by dangerous substances)

14. TRANSPORT INFORMATION

The product is not classified as "dangerous for transportation"

14.1. UN number

UN No. (ADR / RID / ADN no

UN No. (IMDG) no

UN No. (ICAO) no

14.2. Shipping name under UN

Not applicable

14.3. Hazard classes

Not applicable

14.4. Packing group

Not applicable

14.5. Environmental Hazards

not regulated

14.6. Special precautions

Not applicable

15. REGULATORY INFORMATION

15.1. Specific substance or mixture regulations / legislation on safety, health and environment

Statutory instruments:

Ordinance 2009 Chemicals (Hazard Information and Packaging for supply) Regulations (SI 2009 No.716). Control of substances hazardous to health.

Limits for workplace exposure EH40.

Material Safety Data Sheet

Prepared in accordance with Annex II of REACH Regulation (EC) 1907/2006, Regulation (EC) 1272/2008 and regulation (EC) 453/2010 with later changes

Vi-Pro® EASY TO TOOL

Version: 1.0/EN

Date: 27.08.2016

EU legislation:

EU Directive 2000/39 / EC of 8 June 2000 establishing a list of indicative exposure levels in the implementation of Directive 98/24 / EC on the protection of workers with chemicals.

EU regulation 1907/2006 of the European Parliament and Council of 18 December 2006 concerning the registration, evaluation, authorization and restrictions of chemicals REACH, established by the European Chemicals Agency, corrective 1999/45 / EC and repealing 793/93, 1488/94, and 76/769 / EEC, 91/155, 93/67, 93/105 and 2000/21 / EU adjustment.

Regulation EC 1272/2008 of the European Parliament and Council of 16 December 2008 on classification, labeling and packaging of substances and mixtures, corrective and repealing Council Directive 67/548 / EEC, 1999/45 / EC and corrective regulation 1907/2006.

Authorizations (Chapter VII, regulation 1907/2006)

Specific authorizations are not marked on this product.

Restrictions (Chapter VIII, regulation 1907/2006)

No registered restrictions on this product.

15.2. Safety assessment

Safety assessment was not carried out.

16. OTHER INFORMATION

List of designations used in Chapter 2 and 3

vPvB very persistent and very bioaccumulative - strongly accretive and very bioaccumulative

PBT persistent, bioaccumulative and toxic - cumulative, bioaccumulative and toxic

Elements of danger:

H301 Harmful if swallowed.

H302 Harmful if swallowed.

H314 Causes severe skin burns and eye damage.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H311 Toxic in contact with skin.

Material Safety Data Sheet

Prepared in accordance with Annex II of REACH Regulation (EC) 1907/2006, Regulation (EC) 1272/2008 and regulation (EC) 453/2010 with later changes

Vi-Pro® EASY TO TOOL

Version: 1.0/EN

Date: 27.08.2016

H331 Toxic by inhalation.

H400 Very toxic to aquatic organisms.

H410 Highly toxic to aquatic life with long lasting effects.

Specific concentration limits under CLP

C => 5% Ref. Tox. disp.

C => 5% Ref. Tox. disp.

C => 0.1% cause sensitization inhalation

C => 5% Skin irritation 2

C => 5% eye irritation 2

It is the responsibility of persons in receipt of this Product Safety Data Sheet to ensure that the information contained herein is properly read and understood by all people who may use, handle, dispose or in any way come in contact with the product.

The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and shall not be considered a warranty or quality specification of any type. The information provided relates only to the specific material identified at the top of this MSDS and may not be valid when the MSDS material is used in combination with any other materials or in any process, unless specified in the text. Material users should review the information and recommendations in the specific context of their intended manner of handling, use, processing and storage, including an assessment of the appropriateness of the MSDS material in the user's end product, if applicable.