



Specialist Adhesive Tapes

Date of issue: 03/06/2021
Revision: 03

Safety Data Sheet

Product Code:	P290FR WHITE
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1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY UNDERTAKING

Product Identifier: P290FR WHITE

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

Identified uses: Not applicable

Uses advised against: Not applicable

Details of the supplier of the safety datasheet:

Company: Flowstrip® Ltd
Markham House
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DN15 8QJ
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2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Eye Irritation - Category 2, H319 Causes serious eye irritation.

Carcinogenicity - Category 2, H351 Suspected of causing cancer.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the CLP regulation.

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Hazard pictograms



GHS08

Signal word Warning

Hazard statements

H319 Causes serious eye irritation.

H351 Suspected of causing cancer.

Precautionary statements

P201 Obtain special instructions before use.

P202 Do not handle until all safety precautions have been read and understood.

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

P264 Wash hands thoroughly after handling.

P308 IF exposed or concerned; Get medical attention.

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

P337 + P313 If eye irritation persists get medical advice/attention.

P405 Store locked up.

P501 Dispose of contents and container in accordance with all local, regional, national and international regulations.

2.3 Other hazards

None known.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical characterisation: Mixtures

Description: Mixture of substances listed below with non-hazardous additions.

Dangerous components		
CAS No. 63449-39-8	Paraffin waxes and Hydrocarbon waxes, chloro	≥10-≤25%
CAS No. 1309-64-4	Antimony Trioxide	≤5%

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

4. FIRST AID MEASURES

4.1 Description of first aid measures

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After inhalation:

Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.

After skin contact:

Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Continue to rinse for at least 10 minutes. Get medical attention. Wash clothing before reuse. Clean shoes thoroughly before reuse.

After eye contact:

Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.

After ingestion:

Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

4.2 Most important symptoms and effects, both acute and delayed

Potential acute health effects

After inhalation

No known significant effects or critical hazards

After skin contact

No known significant effects or critical hazards

After eye contact

Causes eye irritation

After ingestion

No known significant effects or critical hazards

Over-exposure signs/symptoms

After inhalation

No specific data

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After skin contact

No specific data

After eye contact

Adverse symptoms may include the following:
Irritation, watering, redness

After ingestion

No specific data

4.3 Indication of any immediate medical attention and special treatment needed

Notes to physician

In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.

Specific treatments

No specific treatment.

Protection of first-aiders

No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

See Toxicological information (Section 11)

5. FIRE FIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media:

Use an extinguishing agent suitable for the surrounding fire

Unsuitable extinguishing media

None known

5.2 Special hazards arising from the substance or mixture

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

Hazardous thermal decomposition products

Decomposition products may include the following materials:
carbon dioxide

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carbon monoxide
carbonyl halides
metal oxide/oxides

5.3 Advice for firefighters

Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

Protective equipment:

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

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk-through spilled material. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

For emergency responders

If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials.

6.2 Environmental precautions:

Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

6.3 Methods and material for containment and cleaning up:

Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Avoid dust generation. Do not dry sweep. Vacuum dust with equipment fitted with a HEPA filter and place in a closed, labelled waste container. Dispose of via a licensed waste disposal contractor. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Put on appropriate personal protective equipment (see Section 8). Avoid exposure - obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not ingest. Avoid release to the environment. If during normal use the material presents a respiratory hazard, use only with adequate ventilation or wear appropriate respirator. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.

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Advice on general occupational hygiene

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

7.2 Conditions for safe storage, including any incompatibilities

Store in accordance with local regulations. 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. Store locked up. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Ingredient name	Exposure limits
Antimony trioxide	TWA: 0.5mg/m ³ (as SB) 8 hours

8.2 Exposure controls

Appropriate engineering controls

If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

Environmental exposure controls

Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

Individual protection measures

Hygiene measures

Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Eye/face protection

Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles.

Skin protection

Hand protection

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Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

Body protection

Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Other skin protection

Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Respiratory protection

Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

General Information

Appearance:

Physical state: Solid

Colour: White

Odour: Not available

Melting point/freezing point: No information available

Boiling point: Not applicable

Flammability (solid, gas): Not applicable

Lower and upper explosive (flammable) limits: Not applicable

Flash point: Not available

Auto-ignition temperature: Not available

Decomposition temperature: Not available

pH: Not available

Kinematic viscosity: Not applicable

Solubility: Not available

Partition coefficient: n-octanol/water: Not applicable

Vapour pressure: Not available

Relative density: Not available

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9.2 Other information No further relevant information available

10. STABILITY AND REACTIVITY

10.1 Reactivity

No specific test data related to reactivity available for this product or its ingredients.

10.2 Chemical stability

The product is stable.

10.3 Possibility of hazardous reactions

Under normal conditions of storage and use, hazardous reactions will not occur.

10.4 Conditions to avoid

No specific data

10.5 Incompatible materials:

No specific data

10.6 Hazardous decomposition products:

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
Paraffin waxes and Hydrocarbon waxes, chloro	LD50 Oral	Rat	26100 mg/kg	-

Irritation/corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
Paraffin waxes and hydrocarbon waxes, chloro	Eyes - Mild irritant	Rabbit	-	100 milligrams	-
	Skin - Mild irritant	Rat	-	24 hours 100 milligrams	-
Antimony trioxide	Eyes - Mild irritant	Rabbit	-	100 milligrams	-

Serious eye damage/irritation

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No further information available

Respiratory or skin sensitisation

No known significant effects or critical hazards

Germ cell mutagenicity

No known significant effects or critical hazards

Carcinogenicity

Antimony trioxide - suspected of causing cancer

Reproductive toxicity

No known significant effects or critical hazards

STOT-single exposure

No known significant effects or critical hazards

STOT-repeated exposure

No known significant effects or critical hazards

Aspiration hazard

Not applicable

Symptoms related to the physical, chemical and toxicological characteristics

After inhalation

No specific data

After skin contact

No specific data

After eye contact

Adverse symptoms may include the following:

irritation
watering
redness

After ingestion

No specific data

Delayed and immediate effects and also chronic effects from short and long term exposure

Short term exposure

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Potential immediate effects

Not applicable.

Potential delayed effects

Not applicable

Long term exposure

Potential immediate effects

Not applicable

Potential delayed effects

Not applicable.

Potential chronic health effects

No known significant effects or critical hazards.

General

No known significant effects or critical hazards.

Carcinogenicity

Suspected of causing cancer. Risk of cancer depends on duration and level of exposure.

Mutagenicity

No known significant effects or critical hazards.

Teratogenicity

No known significant effects or critical hazards.

Developmental effects

No known significant effects or critical hazards.

Fertility effects

No known significant effects or critical hazards.

Numerical measures of toxicity

Acute toxicity estimates

Not applicable.

12. ECOLOGICAL INFORMATION

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12.1 Toxicity

Product/ingredient name	Result	Species	Exposure
Paraffin waxes and Hydrocarbon waxes, chloro Antimony trioxide	Acute LC50 >5000000 µg/l Marine water	Fish - Alburnus alburnus	96 hours
	Acute EC50 730 µg/l Fresh water	Algae - Pseudokirchneriella subcapitata	72 hours
	Acute EC50 740 µg/l Fresh water	Algae - Pseudokirchneriella subcapitata	96 hours
	Acute EC50 560 mg/l Fresh water	Crustaceans - Cypris subglobosa	48 hours
	Acute EC50 423450 µg/l Fresh water	Daphnia - Daphnia magna	48 hours
	Acute LC50 >530 mg/l Fresh water	Fish - Lepomis macrochirus - Young of the year	96 hours
	Chronic NOEC 200 µg/l Fresh water	Algae - Pseudokirchneriella subcapitata	96 hours

12.2 Persistence and degradability

Not applicable

12.3 Bioaccumulative potential

Product/ingredient name	LogP_{ow}	BCF	Potential
Paraffin waxes and Hydrocarbon waxes, chloro	7.46 to 11.48	-	High

12.4 Mobility in soil

Soil/water partition coefficient

Not applicable

12.5 Results of PBT and vPvB assessment

PBT: No information available

vPvB: No information available

12.6 Other adverse effects

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No known significant effects or critical hazards.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Recommendation

The generation of waste should be avoided or minimised wherever possible. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Dispose of according to all national, regional and local applicable regulations.

Product / Packaging disposal

Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.

Waste treatment-relevant information

No further information available.

Sewage disposal-relevant information

Waste should not be disposed of by release to sewers.

Other disposal recommendations

No further relevant information available.

14. TRANSPORT INFORMATION

14.1 UN-Number

Not applicable

14.2 UN proper shipping name

Not applicable

14.3 Transport hazard class(es)

Not applicable

14.4 Packing group

Not applicable

14.5 Environmental hazards

No information available

14.6 Special precautions for user

No information available

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14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable.

15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture SVHC listed by ECHA (REACH), Candidate List, Annex XIV, Annex XVII

The Materials used to manufacture the Goods do not contain substances that are on the List of Substances of Very High Concern (SVHC) candidate list published (as of 19-JAN-21), Annex XIV, or Annex XVII in accordance with Article 59(10) of the European Union regulation concerning the Registration, Evaluation, Authorization, and restriction of Chemicals (REACH).

15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

16. OTHER INFORMATION

All the information in this data sheet is published in good faith and is intended to serve as a guide only. As we have no control over the manner or conditions in which our products are used, we cannot accept liability for results. Our recommendations on the use of our products are based on tests believed to be reliable but we would ask that you conduct your own tests to determine their suitability for your applications. Responsibility for ascertaining the suitability of products for the user's purposes rests with the purchaser.

Flowstrip® Limited and its agents cannot assume liability or responsibility for their requirements and adopt such precautions as required for the protection of personnel and property in the handling and usage of Flowstrip® Limited materials

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