

SAFETY DATA SHEET

BUTT WIPES – Butt and electrofusion welding wipes

SECTION 1 - IDENTIFICATION OF THE MATERIAL AND SUPPLIER

1.1. Product Identifier

Product Identity Worldpoly Butt Wipes

Alternate Names

Product Code

XXXXXXXXXX

1.2. Relevant Identified Uses of the Substance or mixture and Uses Advised Against

Identified Use For preparing and cleaning poly pipes prior to butt and electrofusion welding.

1.3. Details of the Supplier of the Safety Data Sheet

Australia

Company Name

WorldPoly Pty Ltd

Address

2/5 Commercial Drive, Lynbrook

Victoria 3975, Australia

Telephone No.

+61.3.8795.3800

SECTION 2 - HAZARDS IDENTIFICATION

2.1. Classification of the Substance or Mixture

Flam. Liq. 2; H225

Highly Flammable Liquid and vapor.

Eye Irrit. 2; H319

Causes serious eye irritation.

STOT SE 3; H336

May cause drowsiness or dizziness.

2.2. Label Elements

Pictogram:



Signal Word: Danger

Safety Statements:

H225 Highly flammable liquid and vapor.

H319 Causes serious eye irritation

H336 May cause drowsiness and dizziness

Precautionary Statements:

(Prevention)

P210 Keep away from heat / sparks / open flames / hot surfaces - No smoking.

P261 Avoid breathing dust / fume / gas / mist / vapors / spray.

P264 Wash thoroughly after handling.

SAFETY DATA SHEET

BUTT WIPES – Butt and electrofusion welding wipes

(Response)

P304+312 IF INHALED: Call a POISON CENTER or doctor / physician if you feel unwell.

P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing.

P337+313 If eye irritation persists: Get medical advice / attention.

P340 Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P370+378 In case of fire: Use extinguishing media listed in section 5 of SDS for extinction.

(Storage)

P403+233 Store in a well ventilated place. Keep cool.

(Disposal)

P501 Dispose of contents / container in accordance with local / national regulations.

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

Substance / Mixture

Mixture contained in a wipe.

Chemical Name/Chemical Designations	Weight %	GHS Classification
Isopropyl Alcohol CAS Number: 67-63-0	80	Flam. Liq. 2;H225 Eye Irrit. 2;H319 STOT SE 3;H336
Water	20	Not Classified

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. Never give anything by mouth to an unconscious person.
Inhalation	Irrigate copiously with clean water for at least 15 minutes, holding the eyelids apart. Seek medical attention if symptoms persist.
Skin	No first aid should be needed.
Ingestion	Do not induce vomiting. Rinse mouth with water. Contact the poison control centre or a physician immediately for instructions.

4.2. Most important symptoms and Effects, both Acute and Delayed

Acute Effects	<p>Inhalation: Exposure to high air concentrations may cause mild irritation to nose and throat. Drowsiness, headache, and mild narcosis can occur from inhalation.</p> <p>Eye: Exposure to high air concentrations may cause mild irritation to eyes.</p> <p>Ingestion: Ingestion may cause gastrointestinal pain, cramps, drowsiness, nausea and vomiting.</p>
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SAFETY DATA SHEET

BUTT WIPES – Butt and electrofusion welding wipes

4.3. Notes to physician

No information available

SECTION 5 - FIREFIGHTING MEASURES

5.1. Extinguishing Media

Use water fog (or if unavailable fine water spray), dry powder or carbon dioxide or alcohol stable foam as the extinguishing media.

5.2. Special Hazards Arising from the Substance or Mixture

Hazardous decomposition: Burning can produce carbon monoxide and/or carbon dioxide
Keep away from heat / sparks / open flames / hot surfaces - No smoking.
Avoid breathing dust / fume / gas / mist / vapors / spray.

5.3. Advice for Fire-Fighters

Wear self-contained breathing apparatus and protective clothing.
Do not release runoff from fire control methods to sewers or waterways.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

Put on appropriate personal protective equipment (see section 8).
Isolate hazard area. Ventilate area well and ensure the air is safe before allowing other people to return to the area.
Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

6.2. Environmental Precautions

Do not allow spills to enter drains or waterways.

6.3. Methods and Material for Containment and Cleaning Up

Contain and recover wipes when possible. Mop or wipe up small spills. Ventilate area. Remove all sources of heat and ignition. Collect wipes in an appropriate container and place in a chemical waste container. Collected wipes can also be left outside to dry and then disposed of through local trade waste removal services.

6.4. Reference to other sections

None

SECTION 7 - HANDLING AND STORAGE

7.1. Precautions for Safe Handling

Do not use with electrocautery procedures.
For external use only. Avoid eye contact.
Protect against physical damage. Make certain the containers are well sealed when not in use.

SAFETY DATA SHEET

BUTT WIPES – Butt and electrofusion welding wipes

7.2. Conditions for Safe Storage, Including Any Incompatibilities

Incompatible materials:

Not to be stored with explosives, flammable gases in bulk, poisonous gasses, spontaneously combustible substances, oxidizing agents, organic peroxides or radioactive substances

Store in a cool ($\leq 30^{\circ}\text{C}$), dry, well-ventilated area away from incompatible materials, sources of heat, sparks, and open flames.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1. Control Parameters

Occupational Exposure Limits

CAS No.	Ingredient	Source	Value
67-63-0	Isopropyl Alcohol	NOHSC/HSIS	TWA 400ppm (983 mg/ m ³) STEL 500 ppm
		OSHA	TWA 400 ppm (980 mg/ m ³) STEL 500 ppm
		ACGIH	TWA: 200 ppm STEL: 400 ppm Revised 2003,
		NIOSH	TWA 400 ppm (980 mg/ m ³) ST 500 ppm (1225 mg/m ³)
		Australia	TWA 400 ppm (980 mg/m ³) STEL 1230mg/m ³ 500 ppm

Emergency Limits

CAS No.	Ingredient	TEEL-1	TEEL-2	TEEL-3
67-63-0	Isopropyl Alcohol	400ppm	2000ppm	12000ppm

8.2. Exposure Controls

Respiratory None required for normal use.

Eyes None required for normal use.

Skin None required for normal use.

Engineering Controls Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and any vapor below occupational exposure limits suitable respiratory protection must be worn.

Other Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse. Where many wipes are to be used consecutively, it may be advisable to wear solvent resistant gloves (e.g. Butyl, Nitrile Rubber, Neoprene or for short exposures, PVC) and eye protection.

SAFETY DATA SHEET

BUTT WIPES – Butt and electrofusion welding wipes

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on Basic Physical and Chemical Properties

The information provided is for the liquid only and does not consider the properties of the textile wipe.

Appearance	Non-woven textile impregnated with isopropyl alcohol.
Physical State	Liquid contained in a textile wipe.
Odour	Alcohol odour
pH	Not available
Melting Point	-89°C (literature value)
Initial Boiling point	82°C (literature value)
Flash Point	12°C (closed cup)
Evaporation rate	Not Available
Flamability	Highly flammable
Upper Explosive Limit %	12% (literature value)
Lower Explosive Limit %	2% (literature value)
Vapour Pressure	4.4kpa @ 20°C
Solubility in water	Miscible
Relative density (Water = 1)	0.78

SECTION 10 - STABILITY AND REACTIVITY

10.1. Reactivity

Hazardous Polymerization will not occur. See Section 7

10.2. Chemical Stability

Product is considered stable under normal circumstances.

10.3. Possibility of Hazardous Reactions

Refer to Section 7

10.4. Conditions to Avoid

Refer to Section 7

10.5. Incompatible Materials

Refer to Section 7

10.6. Hazardous Decomposition Products Oxides of Carbon

Refer to Section 7

SECTION 11 - TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms that may arise (due to the presence of Isopropyl Alcohol) if the product is mishandled are listed as follows:

SAFETY DATA SHEET

BUTT WIPES – Butt and electrofusion welding wipes

Ingested	Swallowing of the liquid may cause aspiration into the lungs with the risk of chemical pneumonitis; serious consequences may result. Accidental ingestion of the material may be damaging to the health of the individual. Swallowing 10 millilitres of isopropyl alcohol may cause serious injury, 100 millilitres may be fatal if not properly treated. The adult single lethal dose is approximately 250 millilitres. Isopropyl alcohol is twice as poisonous as ethanol, and the effects caused are similar. Swallowing may cause nausea, vomiting and diarrhea; vomiting and stomach inflammation is more prominent with isopropyl alcohol than with ethanol.
Eyes	Vapor irritates the eyes at concentrations above 400ppm. Direct eye contact may cause eye irritation, pain and redness.
Skin	Brief exposure is not irritating but prolonged contact can be irritating.
Inhalation	Mild irritation to the nose, throat and upper respiratory tract can occur at concentrations above 400ppm. Inhalation may cause drowsiness or dizziness.

Toxicity

Dermal (rat) LD50	12800 mg/kg
Inhalation (rat) LC50	72.6 mg/kg
Oral (rat) LD50	4396 mg/kg

Irritation

Eye (rabbit)	>100mg – severe.
Skin (rabbit)	500mg – mild

Data obtained from ECHA registered Substances or manufacturers SDS.

Isopropyl Alcohol is classified by IARC as Group 3: NOT classified as to it's carcinogenicity to humans.

SECTION 12 - ECOLOGICAL INFORMATION

12.1. Toxicity

The product is not considered as dangerous for the environment due to the small quantity of Isopropyl alcohol contained in each wipe.

12.2. Persistence and Degradability

There is no data available on the preparation itself.

12.3. Bioaccumulative Potential

Isopropyl Alcohol Low (LogKOW = 0.05)

SAFETY DATA SHEET

BUTT WIPES – Butt and electrofusion welding wipes

12.4. Mobility in Soil

Isopropyl Alcohol High (KOC = 1.06)

12.5. Results of PBT and vPvB assessment

This product contains no PBT/vPvB chemicals.

12.6. Other Adverse Effects

No data available

SECTION 13 - DISPOSAL CONSIDERATIONS

Dispose of in accordance with local waste regulations. Where several wipes have been opened and used, place in a sealed, labelled container for later disposal. May be incinerated in an approved facility. May be left to evaporate in a controlled place with no ignition sources.

SECTION 14 - TRANSPORT INFORMATION

UN Number	Not applicable.
UN Proper Shipping Name	Not applicable.
Transport Hazard Class	Not applicable.
Packing Group	Not applicable
Environmental Hazard	Not applicable
Hazchem Code	Not applicable

SECTION 15 - REGULATORY INFORMATION

Poison Schedule	Not scheduled as a poison
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SECTION 16 - OTHER INFORMATION

Revision Date	N/a
Initial Date	01 December 2020
Version	1 Revision 1

Definitions and abbreviations

PC-TWA: Permissible Concentration-Time Weighted Average

PC-STEL: Permissible Concentration-Short Term Exposure Limit

IARC: International Agency for Research on Cancer

ACGIH: American Conference of Governmental Industrial Hygienists

STEL: Short Term Exposure Limit

TEEL: Temporary Emergency Exposure Limit.

IDLH: Immediately Dangerous to Life or Health Concentrations OSF: Odour Safety Factor

NOAEL :No Observed Adverse Effect Level

SAFETY DATA SHEET**BUTT WIPES – Butt and electrofusion welding wipes**

LOAEL: Lowest Observed Adverse Effect Level

TLV: Threshold Limit Value

LOD: Limit Of Detection

OTV: Odour Threshold Value

BCF: BioConcentration Factors

BEI: Biological Exposure Index

The information and recommendations contained herein are based upon data believed to be correct and in accordance with the requirements of the Work Health and Safety Regulations. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. This information is provided specifically in order to assist users of the product to make their assessment of health risks. Provision of this information does not preclude users from seeking advice from other sources. It is the user's responsibility to satisfy itself that the product is suitable for the intended use. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders. The information is intended to cover potential hazards at the place of work and does not detail medical uses, indications, contraindications and precautions for the treatment of the patient.

===END OF SDS===