



# MATERIAL SAFETY DATA SHEET

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## Indu-tek Weld-Pro BN

### 1. IDENTIFICATION OF THE SUBSTANCE/ USE/ COMPANY DETAILS

**Trade Name:** Weld-Pro BN  
**Company Identification:** Mako-lube Limited  
Units 2 & 3 Mayfield Industrial Estate  
Liverpool Road  
Irlam  
Manchester, M44 6GD  
Tel: +44(0)161 777 9970  
Fax: +44(0)161 777 9980  
[info@mako-lube.com](mailto:info@mako-lube.com)  
**Type of product:** **Aerosol**  
**Use:** **Weld equipment protection**

### 2. HAZARDS IDENTIFICATION

**Main Hazards:** R12 Extremely flammable.  
PRESSURISED CONTAINER - increase in temperature to greater than 50°C will cause internal pressure to rise potentially causing bursting/explosion. Classification F+;R12

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous Ingredients:	Name	Content	Classification
	Butane / Propane propellant (F+) R12	20% – 60%	(F+) R12
	Base product	50% - 70%	R11 Xi; R36/37

The Full Text for all R-Phrases are Displayed in Section 16

### 4. FIRST AID MEASURES

**Inhalation** Move the exposed person to fresh air at once, Keep the affected person warm and at rest. Get prompt medical attention, For breathing difficulties oxygen may be necessary.

**Skin Contact** Wash skin thoroughly with mild soap and water

**Eye Contact** Wash out eye with plenty of water. Obtain medical attention if soreness or redness persists.

**Ingestion** Wash out mouth with water. Drink plenty of water get medical attention if soreness persists

### 5. FIRE FIGHTING MEASURES

**Prevention** Do not expose to naked flames or fire. No smoking.

**Extinguishing Media** Foam, Powder, Sand

- **Unsuitable extinguishing media** Do not use high pressure water

**Surrounding Fires** Use water spray to cool containers

**Specific Hazards** Under fire conditions, hazardous fumes will be present

**Protection for Fire-Fighters** Wear self-contained breathing apparatus and proper protective equipment

**Special procedures** Aerosols may explode in a fire.

## 6. ACCIDENTAL RELEASE MEASURES

<b>General Precautions</b>	Wear necessary protective equipment. May be slippery if spilled. Remove from ignition sources. Do not breathe fumes or vapours from decomposition.
<b>Personal Precautions</b>	Avoid contact with skin and eyes. No Smoking. Clean up crews should wear proper protective equipment.
<b>Environmental Precautions</b>	Prevent entry to sewers and public water ways. Notify authorities if product enters sewers or public waters

## 7. HANDLING AND STORAGE

<b>GENERAL</b>	Ensure there is adequate ventilation. Avoid all unnecessary exposure to naked flames or potential fire risks. No Smoking.
<b>STORAGE</b>	Store in cool well ventilated area in original packaging. Aerosol cans must not be exposed to direct sunlight or temperatures above 50°C.
<b>HANDLING</b>	Avoid direct contact with the substance, Wash hands and other exposed areas with mild soap and water before you eat, drink or smoke, leave work. Keep away from food, drink. Keep out of reach of children

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<b>PERSONAL PROTECTION</b>	
<b>Respiratory Protection</b>	No special respiratory protection equipment is recommended under normal conditions of use, if used with adequate ventilation.
<b>Hand Protection</b>	Wear Barrier Cream, if repeated or prolonged contact wear protective clothes
<b>Skin Protection</b>	In the case of possible repeated skin contact wear protective clothing
<b>Eye Protection</b>	Eye protection is only necessary where liquid could be splashed or sprayed
<b>Ingestion</b>	When using do not eat, drink or smoke

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical state at 20°C</b>	Aerosol
<b>Colour</b>	White
<b>Odour</b>	Characteristic
<b>Oxidising</b>	Non oxidising (by EC criteria)
<b>Density</b>	N/A
<b>Solubility in Water (vol/vol)</b>	Material insoluble in water
<b>Auto flammability</b>	> 400°C
<b>Flash Point</b>	50°C Not known for blend, but extremely flammable

## 10. STABILITY AND REACTIVITY

<b>Hazardous decomposition products</b>	Combustion will generate smoke, carbon monoxide, carbon dioxide
<b>Hazardous reactions</b>	None under normal conditions
<b>Hazardous properties</b>	None under normal conditions
<b>Materials to avoid</b>	Strong oxidizing agents
<b>Conditions to avoid</b>	Naked flames, fires and sources of ignition. Increase in temperature to greater than 50 degrees will cause rise in internal pressure with likelihood of bursting/explosion

## 11. TOXICOLOGICAL INFORMATION

<b>Inhalation</b>	Not expected to prevent a significant inhalation hazard under anticipated conditions of normal use. Inhalation of mists or vapours at elevated temperatures may cause respiratory irritation
<b>Dermal</b>	Repeated or prolonged exposure may have a defatting effect or cause dermatitis.
<b>Eye contact</b>	Irritation of eyes and mucous membranes

## 12. ECOLOGICAL INFORMATION

<b>On Product</b>	Prevent entry to sewers and public water ways.
<b>Ecological Effects</b>	Not soluble in water, so only minimally bio-degradable

## 13. DISPOSAL CONSIDERATIONS

<b>General</b>	Dispose of in a safe manner in accordance with local/national regulations
<b>Disposal method</b>	In accordance with local/national regulations may be taken to waste disposal site.
<b>Disposal of used packaging</b>	Use a licensed waste disposal contractor. Empty containers must not be burned because of explosion hazard

## 14. TRANSPORT INFORMATION

<b>UN Road</b>	1950
<b>UN Class</b>	2
<b>ADR – Class</b>	Class 2, Code 5F, Label 2.2
<b>Proper Shipping Name</b>	AEROSOLS, FLAMMABLE
<b>UN Number, Sea</b>	1950
<b>IMDG – CLASS</b>	2
<b>EmS</b>	2-13
<b>AIR – CLASS</b>	2
<b>Air Pack Gr.</b>	Not Classified

## 15. REGULATORY INFORMATION

**Labelling** Extremely Flammable (F+), Irritant (Xi)

**Hazard Symbols**



**R Phrase(s)** R12 Extremely flammable, R36/37 Irritating to eyes and respiratory system

**S Phrase(s)** S16 – Keep Away from sources of ignition – No Smoking

S23 – Do not breathe vapour /spray

S51 – Use only in well ventilated areas

**Precautionary Phrases** Pressurized container: protect from sunlight, do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use. Keep out of reach of children.

## 16. OTHER INFORMATION

<b>Product Use:</b>	For Industrial use only. Lubricant
Risk Phrases in full	R12 Extremely Flammable. R36/37 Irritating to eyes and respiratory system

The contents and format are in accordance with the following directives:

EC Directive 91/155/EEC defining the laying down and detailing of specific information relating to Dangerous Preparations Directive – 2001/58/EC.  
EC Directive 88/379/EEC relating to the classification, packaging and labeling of dangerous preparations.

### DISCLAIMER OF LIABILITY:

To the best of our knowledge, the information contained herein is accurate. Although certain hazards may be described we cannot predict that these are the only hazards, or combination of hazards, that may exist in a workplace. This MSDS, therefore, forms a component only of a risk assessment carried out by, or on behalf of, the user. The conditions of handling, storage, use or disposal of the product are beyond our control. For this and other reasons, we do not assume responsibility and expressly disclaim any liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of this product. This MSDS was prepared solely for the product stated and should not be used for any other product.

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