

# TRADE GRADE PRODUCTS LTD

## MATERIAL SAFETY DATA SHEET

### 1. Identification of the substance / preparation and company.

Product name	Tradeweld Acrylic FS / SS
Supplier	Trade Grade Products Limited
Address	2 Thorne Way Woolsbridge Industrial Park Three Legged Cross Wimborne Dorset BH21 6FB
Emergency telephone number	01202 820177

### 2. Composition / Information on Ingredients.

<u>Material description</u>	<u>CAS No.</u>	<u>% Content</u>	<u>Health (class)</u>	<u>Risk (R No.)</u>
Methyl methacrylate	80-62-6	30 - 60	Xi	R36/37/38 R43
Methacrylic acid	79-41-4	5 - 10	C	R34

### 3. Hazards Identification.

Skin contact	Irritating to skin. May cause sensitisation by skin contact.
Eye contact	Irritating to eyes.
Inhalation	Irritating to respiratory system.
Flammability	Flammable.

### 4. First Aid Measures.

Inhalation	If vapour has been inhaled in high concentrations move the affected person to fresh air, keep them warm and allow to rest. Seek medical advice.
Skin	Remove contaminated clothing immediately. Rinse affected skin with plenty of soap and water, using a mild cleaning agent. If irritation persists obtain medical attention.
Eye	Immediately flush eyes with running water for at least 15 minutes without interruption. Obtain medical attention. If irritation persists obtain medical attention.
Ingestion	<b>DO NOT INDUCE VOMITING.</b> If patient vomits turn to recovery position. Drink water in small sips (Diluting effect). Obtain medical attention.

### 5. Fire-fighting Measures.

Extinguishing media	Foam, dry chemicals, sand, water, dolomite, etc.
Special procedures	Avoid breathing fire vapours. Cool containers exposed to flames by spraying with water from the sides until well after the fire is out. Keep run-off water from entering sewers and waterways.
Hazardous decomposition products	Fire creates toxic gases / vapours / fumes of carbon monoxide and carbon dioxide.



**6. Accidental Release Measures.**

Shut off all ignition charges. Avoid sparks, flames, heat and smoking. Wear suitable protective clothing including eye/face protection and gloves. Do not allow to enter sewers, drains or waterways. Absorb spillage into earth, sand or sawdust and shovel to a safe place using a spark proof shovel. Ventilate the area.

**7. Handling and Storage.**

Handling	When handling do not eat, drink or smoke. Keep away from source of ignition. Do not breathe vapour. Avoid contact with skin and eyes. Use only in well ventilated areas. Use approved respiratory equipment if contamination is above acceptable levels.
Storage	Flammable / Combustible. Keep away from oxidisers, heat and flames. Keep in a cool, dry storage area, tightly closed in the original containers.

**8. Exposure Controls / Personal Protection.**

Protective equipment	 								
Respiratory protection	Approved respirator if exposure is likely to exceed Occupational Exposure Standard.								
Hand protection	Wear plastic or rubber gloves.								
Eye protection	Wear suitable eye / face protection.								
Personal hygiene	Remove contaminated clothing. Wash hands before breaks and at the end of work.								
Exposure limits	<table> <thead> <tr> <th>Ingredient</th> <th>CAS No</th> <th>Long term (8 Hrs)</th> <th>Short term (15 mins)</th> </tr> </thead> <tbody> <tr> <td>methyl-methacrylate</td> <td>80-62-6</td> <td>50.00ppm</td> <td>100.00ppm</td> </tr> </tbody> </table>	Ingredient	CAS No	Long term (8 Hrs)	Short term (15 mins)	methyl-methacrylate	80-62-6	50.00ppm	100.00ppm
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methyl-methacrylate	80-62-6	50.00ppm	100.00ppm						

**9. Physical and Chemical Properties.**

Appearance	Viscous liquid
Odour	Noticeable
Colour	Varying
Boiling point	101°C @ 760mmHg
Specific gravity	1.03 @ 20C
PH value	3
Flash point	10.6°C
Flammability limit	Lower % 1.8 Upper % 8.5
Solubility	Slightly soluble in ordinary solvents.

**10. Stability and Reactivity.**

Stability	Stable under normal conditions.
Reactivity	Avoid heat and contact with oxidisers and reducing agents.

**11. Toxicological Information.**

Inhalation	May cause irritation to respiratory system.
Skin contact	Irritating to skin. Acts as a defatting agent on skin. May cause cracking of skin and eczema.
Eye contact	Irritating to eyes.
Ingestion	May cause stomach pain or vomiting.

**12. Ecological Information.**

No data on possible environmental effects have been found.

**13. Disposal Consideration.**

Disposal should be in accordance with the Environmental Protection (Duty of Care) Regulations 1991.

**14. Transport Information.****Road**

UN number	1133
Hazard class (ADR)	3, Flammable liquid.
ADR Item No	31(c)
Marginal	2301
Hazchem code	3[Y]
Proper shipping name	Adhesives.
CEFIC TEC(R) No	30G80

**Rail**

Rail transport class	3
Railroad PT	31(c)

**Sea**

UN Sea	1133
Sea transport class	3.3
IMDG page No	3302
Sea pack GR	III
EmS No	3-05
MFAG table No	330
Marine pollutant	NO

**Air**

UN Air	1133
Air transport class	3
Air pack GR	III

**15. Regulatory Information.**

CHIP Label for supply	Irritant.	
Classification	Xi	
CHIP Risk phrases	R10 R36/37/38 R43	Flammable Irritating to eyes, respiratory system and skin. May cause sensitisation by skin contact.
CHIP Safety phrases	S9 S16 S24/25 S28  S29 S33 S37/39	Keep container in a well ventilated place. Keep away from sources of ignition – NO SMOKING. Avoid contact with skin and eyes. After contact with skin wash immediately with plenty of soap and water. Do not empty into drains. Take precautionary measures against static discharge. Wear suitable gloves and eye / face protection.

Regulatory references

CHIP Regulations 1996  
Health and Safety at Work Act 1996  
COSHH Regulations 1994

**16. Other Information.**

Other information

This adhesive should be used in accordance with the supplier's recommendations.

The information provided in this data sheet is based on our current knowledge of the product and is intended to describe it for the purpose of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.