

SDS ATTACHMENT

PLEASE ATTACH THIS COMPLETED SHEET TO THE SDS FOR:

PRODUCT:

SA90 Industrial Adhesive

DATE:

(SDS date)

27-Jan-15

1. Manufacturer/Supplier:

Tradegear Ltd
Level 1, 99 Clarence Street
Riccarton
Christchurch 8011
New Zealand
Phone: 0800 22 44 34 or +64 3 331 6517
Fax: 0800 22 11 51 or +64 9 522 8833
24 hr emergency contact: +64 21 510 624
Website: www.tradegear.co.nz
Email: office@tradegear.co.nz

Emergency Information:

National Poison Centre: 0800 764 766
Chemcall 24/7 Emergency Response Service: 0800 243 622

13. Disposal Considerations:

Product

Recommendation - Consult local or national regulations to ensure proper disposal.

Packaging

Disposal must be made according to official regulations.

16. Other Information:

Employers should use this information only as a supplement to other information gathered by them and should make independent judgement of suitability of this information to ensure proper use and protect the health and safety of employees. This information is furnished without warranty and any use of the product not in conformance with this Safety Data Sheet, or in combination with any other product or process, is the responsibility of the user.



Certificate Number 768
ISO 9001

SA-90 Industrial Adhesives **SAFETY DATA SHEET**

ACCORDING TO EC-REGULATIONS 1907/2006 (REACH), 1272/2008 (CLP) & 453/2010

1. SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Product Name	SA-90 Industrial Adhesives.
Trade Name	SA-90 Industrial Adhesives.
Part No.	1847
CAS No.	Mixture.
EINECS No.	Mixture.
REACH Registration No.	None assigned.

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

Identified use(s)	General purpose adhesive.
Uses advised against	Avoid using with polystyrene products.

1.3 Details of the supplier of the Safety Data Sheet

Company Identification	Action Can Ltd., Dixon Close, Old Boston Trading Estate, Haydock, St. Helens, Merseyside. WA11 9SF.
Telephone	00 44 1942 713667
Fax	01942 716235
E-Mail (competent person)	info@actioncan.com

1.4 Emergency telephone number

Emergency Phone No.	01942 713667 (Mon - Fri: 9am to 5pm)
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2. SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture Regulation (EC) No. 1272/2008 (CLP)

Aerosol 1; Extremely flammable aerosol.
Pressurised container: May burst if heated.
Eye Irrit. 2; Causes serious eye irritation.
STOT SE 3; May cause drowsiness or dizziness.

2.2 Label elements

Product Name	According to Regulation (EC) No. 1272/2008 (CLP)
Hazard Pictogram(s)	SA-90 Industrial Adhesives.



GHS02

GHS07

Signal Word(s)	Danger.
Hazard Statement(s)	H222: Extremely flammable aerosol. H229: Pressurised container: May burst if heated. H319: Causes serious eye irritation. H336: May cause drowsiness or dizziness.



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Precautionary Statement(s)

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P211: Do not spray on an open flame or other ignition source.
P261: Avoid breathing spray.
P280: Wear protective gloves/eye protection.
P304 + P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Additional Information

Keep out of reach of children. Do not pierce or burn, even after use. Protect from sunlight and do not expose to temperatures exceeding 50 °C/ 122 °F.

2.3 Other hazards

Repeated exposure may cause skin dryness or cracking.

2.4 Additional Information

No Dichloromethane content.
For full text of H/P statements see section 16.

3. SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Product as supplied: Aerosol.

3.1 Mixtures

EC Classification No. 1272/2008

Hazardous ingredient(s)	% W/W	CAS No.	EC No.	REACH Registration No.	Hazard pictogram(s) and Hazard statement(s)
Petroleum gases, liquefied	20 - 40	68476-85-7	270-704-2	01-2119485911-31-0000	GHS02, Flam. Gas 1; H220, GHS04, Press Gas: Liquefied gas; H280
Acetone	10 - 30	67-64-1	200-662-2	01-2119471330-49-0000	GHS02, Flam. Liq. 2; H225, GHS07, Eye Irrit. 2; H319, STOT SE 3; H336

3.2 Additional Information

For full text of H/P statements see section 16.

4. SECTION 4: FIRST AID MEASURES



4.1 Description of first aid measures

Inhalation

IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.

Skin Contact

Wash with plenty of water.

Eye Contact

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Ingestion

Unlikely route of exposure.

4.2 Most important symptoms and effects, both acute and delayed

May cause eye irritation.

May cause drowsiness or dizziness.

4.3 Indication of any immediate medical attention and special treatment needed

Unlikely to be required but if necessary treat symptomatically.



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5. SECTION 5: FIRE-FIGHTING MEASURES

Pressurised container: May burst if heated.

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| 5.1 Extinguishing Media | |
| Suitable Extinguishing Media | Dry powder, Carbon dioxide. |
| Unsuitable Extinguishing Media | In case of major fire and large quantities: Water spray, Foam.
Water jet spray. |
| 5.2 Special hazards arising from the substance or mixture | Heating may cause pressure rise with risk of bursting. |
| 5.3 Advice for fire-fighters | Fire fighters should wear complete protective clothing including self-contained breathing apparatus. If it is safe to do so, containers should be removed from fire area because they are likely to rupture under fire conditions. Keep fire exposed containers cool by spraying with water. |

6. SECTION 6: ACCIDENTAL RELEASE MEASURES

The product is an aerosol. It is unlikely to present spillage or leakage hazard. In case of rupture, released content should be contained as any other solvent spill.

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| 6.1 Personal precautions, protective equipment and emergency procedures | Eliminate sources of ignition. Avoid breathing spray. Avoid contact with eyes. Wear protective gloves/eye protection. Wash hands thoroughly after handling. |
| 6.2 Environmental precautions | Do not allow into any sewer on the ground, or into any body of water. |
| 6.3 Methods and material for containment and cleaning up | Collect mechanically and dispose of according to Section 13. Adsorb spillages onto sand, earth or any suitable adsorbent material. Transfer to a lidded container for disposal or recovery. Containers must not be punctured or destroyed by burning, even when empty. |
| 6.4 Reference to other sections | See Also Section: 8, 13. |

7. SECTION 7: HANDLING AND STORAGE

- | | |
|---|---|
| 7.1 Precautions for safe handling | Provide adequate ventilation. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Use only outdoors or in a well-ventilated area. Avoid breathing spray. Wear protective gloves/eye protection. Wash hands thoroughly after handling. |
| 7.2 Conditions for safe storage, including any incompatibilities | Store in a cool/low-temperature, well-ventilated (dry) place away from heat and ignition sources. Store locked up. |
| Storage Temperature | Do not expose to temperatures exceeding 50°C/ 122°F. |
| Storage Life | Stable under normal conditions. |
| Incompatible materials | None anticipated. |
| 7.3 Specific end use(s) | General purpose adhesive. |

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8. SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

8.1.1 Occupational Exposure Limits

SUBSTANCE	CAS No.	LTEL (8 hr TWA ppm)	LTEL (8 hr TWA mg/m ³)	STEL (ppm)	STEL (mg/m ³)	Note
Petroleum gases, liquefied	68476-85-7	1000	1750	1250	2180	WEL
Acetone	67-64-1	500	1210	1500	3620	WEL

WEL: Workplace Exposure Limit (UK HSE EH40)

8.1.2 Biological limit value

Not established.

8.1.3 PNECs and DNELs

Not established.

8.2 Exposure controls

8.2.1 Appropriate engineering controls

Provide adequate ventilation.

8.2.2 Personal protection equipment

Eye/face protection

Wear eye protection with side protection (EN166).



Skin protection (Hand protection/ Other)

Wear suitable gloves if prolonged skin contact is likely.



Respiratory protection

In case of insufficient ventilation, wear suitable respiratory equipment. A suitable mask with filter type A (EN14387 or EN405) may be appropriate.



Thermal hazards

Not applicable.

8.2.3 Environmental Exposure Controls

Do not allow into any sewer on the ground, or into any body of water.

9. SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	Aerosol.
Colour	Clear.
Odour	Hydrocarbon solvent.
Odour Threshold	Not available.
pH	Not applicable.
Melting Point/Freezing Point	Not applicable.
Initial boiling point and boiling range	40 °C
Flash Point	- 40 °C
Evaporation rate	Not applicable.
Flammability (solid, gas)	Extremely flammable.
Upper/lower flammability or explosive limits	Not available.
Vapour pressure	Not available.
Vapour density	Not available.



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Density (g/ml)	Not available.
Solubility(ies)	Partly soluble in water.
Partition coefficient: n-octanol/water	Not available.
Auto-ignition temperature	Not established.
Ignition temperature	Not established.
Decomposition Temperature	Not available.
Viscosity	Not available.
Explosive properties	Contains gas under pressure; may explode if heated.
Oxidising properties	Not oxidising.
9.2 Other information	None.

10. SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity	Stable under normal conditions.
10.2 Chemical stability	Stable under normal conditions.
10.3 Possibility of hazardous reactions	No hazardous reaction known if used for its intended purpose.
10.4 Conditions to avoid	Heat and direct sunlight.
10.5 Incompatible materials	None anticipated.
10.6 Hazardous Decomposition Product(s)	No hazardous decomposition products known.

11. SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects	
11.1.1 Mixtures	
Acute toxicity	
Inhalation	May cause drowsiness or dizziness.
Irritation	Causes serious eye irritation. Repeated exposure may cause skin dryness or cracking.
Corrosivity	Not classified.
Sensitisation	It is not a skin sensitiser.
Repeated dose toxicity	None anticipated.
Carcinogenicity	No evidence of carcinogenicity.
Mutagenicity	There is no evidence of mutagenic potential.
Toxicity for reproduction	None anticipated.
11.2 Other information	None.

12. SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity	Low toxicity to aquatic organisms.
12.2 Persistence and degradability	Readily biodegradable. Unlikely to persist.
12.3 Bioaccumulative potential	The product has no potential for bioaccumulation.
12.4 Mobility in soil	Partly soluble in water. The product has moderate mobility in soil.
12.5 Results of PBT and vPvB assessment	Not classified as PBT or vPvB.
12.6 Other adverse effects	None known.



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13. SECTION 13: DISPOSAL CONSIDERATIONS

- | | |
|-------------------------------------|---|
| 13.1 Waste treatment methods | Recycle only completely emptied packaging. Containers must not be punctured or destroyed by burning, even when empty. Non-emptied aerosol: Dispose of wastes in an approved waste disposal facility. Do NOT landfill. |
| 13.2 Additional Information | Disposal should be in accordance with local, state or national legislation. |

14. SECTION 14: TRANSPORT INFORMATION

- | | |
|---|---------------------------------------|
| 14.1 UN number | UN 1950 |
| 14.2 UN Proper Shipping Name | AEROSOLS. |
| ADR/RID/IMDG | AEROSOLS, Flammable. |
| ICAO/IATA | |
| 14.3 Transport hazard class(es) | 2 |
| ADR/RID | 2.1 |
| IMDG/ ICAO/IATA | |
| 14.4 Packing Group | None. |
| 14.5 Environmental hazards | Not classified as a Marine Pollutant. |
| 14.6 Special precautions for user | None. |
| 14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code | Not applicable. |
| 14.8 Additional Information | |
| 14.8.1 IMDG Code | EmS: F-D, S-U |
| 14.8.2 Tunnel Restriction Code | D |

15. SECTION 15: REGULATORY INFORMATION

- | | |
|---|---|
| 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture | |
| 15.1.1 EU regulations | |
| Authorisations and/or restrictions on use | |
| Candidate List of Substances of Very High Concern for Authorisation | All chemicals are not listed. |
| REACH: ANNEX XVII Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles | All chemicals are not listed. |
| REACH: ANNEX XIV List of substances subject to authorisation | All chemicals are not listed. |
| Community Rolling Action Plan (CoRAP) | All chemicals are not listed. |
| 15.1.2 National regulations | |
| Wassergefährdungsklasse (Germany) | Acetone: WGK 1 (slightly hazardous to water). |
| 15.2 Chemical Safety Assessment | Not available. |



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16. SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements: 1-16.

LEGEND

LTEL	Long Term Exposure Limit
STEL	Short Term Exposure Limit
DNEL	Derived No Effect Level
PNEC	Predicted No Effect Concentration
PBT	Persistent, Bioaccumulative and Toxic
vPvB	very Persistent and very Bioaccumulative
ADN	European transport by inland waterways
ADR	Accord européen relatif au transport international des marchandises dangereuses par route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
ICAO	International transport by air
IMDG	International Maritime Code for Dangerous Goods
IATA	International Air Transport Association
RID	European transport by rail
WGK	Wassergefährdungsklasse
Aerosol 1	Aerosol Category 1
Eye Irrit. 2	Serious eye damage/irritation Category 2
STOT SE 3	Specific target organ toxicity — single exposure Category 3
Flam. Gas 1	Flammable gas Category 1
Flam. Liq. 2	Flammable liquid Category 2
Press. Gas	Gases under pressure

Hazard Statement(s) and Precautionary Statement(s)

H220	Extremely flammable gas.
H222	Extremely flammable aerosol.
H225	Highly flammable liquid and vapour.
H229	Pressurised container: May burst if heated.
H280	Contains gas under pressure; may explode if heated.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
EUH066	Repeated exposure may cause skin dryness or cracking.
P251	Do not pierce or burn, even after use.
P264	Wash hands thoroughly after handling.
P271	Use only outdoors or in a well-ventilated area.
P312	Call a POISON CENTER/doctor if you feel unwell.
P405	Store locked up.
P337+P313	If eye irritation persists: Get medical advice/attention.
P403+P233	Store in a well-ventilated place. Keep container tightly closed.
P410+P412	Protect from sunlight. Do not expose to temperatures exceeding 50°C/ 122°F.

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Hazard Pictogram(s)

GHS02



GHS04



GHS07



Disclaimers

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Annex to the extended Safety Data Sheet (eSDS)

No information available.