Product Safety Information Sheet

Version: 24-AUG-2018 Revision date: 24-August-2018
ACCORDING TO OSHA HCS (29 CFR 1910.1200)

S1255-04 Adhesive

This material is produced as an “article” as defined in Hazard Communication Standard (29 CFR 1910.1200) of the Occupational Safety and Health Administration of the United States of America and is therefore exempt from hazard classification and labelling, and SDS requirements. A Product Safety Information Sheet has been provided for supply chain communication purposes and handling / storage recommendations only.

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

Product identifier

Product Name	S1255-04 Adhesive
Other Means of Identification	None
Product type	Article with substance/mixture as integral part

Recommended use and restrictions

Identified Use(s)	Adhesive Tape
Uses Advised Against	None known.

Details of the supplier of the safety data sheet

Address of Supplier	Tyco Electronics UK Ltd Faraday Road, Dorcan, Swindon, Wiltshire, SN3 5HH, United Kingdom
Telephone	+44 (0) 1793 52 81 71 (Head Office) Monday - Friday 08:00 - 17:00 (GMT)
Fax	+44 1793 57 2516
E-Mail (competent person)	msdsmaterialsuk@te.com

Emergency telephone number

Emergency Phone No.	+44 1793 528171	GMT (Monday to Friday 08:00 - 17:00)
Languages spoken	English	

SECTION 2: HAZARDS IDENTIFICATION

Classification of the substance or mixture in accordance with paragraph (d) of 29 CFR 1910.1200	This material is produced as an “article” as defined in Hazard Communication Standard (29 CFR 1910.1200) of the Occupational Safety and Health Administration of the United States of America and is therefore exempt from hazard classification and labelling, and SDS requirements. Since this material has no intended release of a substance or mixture and will not result in exposure to a hazardous chemical under normal conditions of use, no hazard classification or Safety Data Sheet is required. A Product Safety Information Sheet has been provided for supply chain communication purposes and handling / storage recommendations only.
Physical hazards	Not applicable.
Health hazards	Not applicable.

Label elements

Product Name	S1255-04 Adhesive
Contains:	Not applicable.
Hazard Symbol	Not applicable.
Signal Word(s)	Not applicable.
Hazard Statement(s)	Not applicable.
Precautionary Statement(s)	Not applicable.
Other hazards	Product type**:** Article with substance/mixture as integral part. Molten material can cause severe burns. Mixture: Causes skin irritation. Causes eye irritation. May cause an allergic skin reaction. Toxic to aquatic life with long lasting effects. Heating can generate vapours that could cause headaches, nausea, dizziness, and respiratory irritation if inhaled.
Environmental hazards	Toxic to aquatic life with long lasting effects.
Percent of the mixture consists of ingredient(s) of unknown acute toxicity:	Not applicable.

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SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Substances
Not applicable
Mixtures Substances in preparations / mixtures.
As the product is an "article" as defined in Hazard Communication Standard (29 CFR 1910.1200) of the Occupational Safety and Health Administration of the United States of America, no components need to be listed within section 3 of the SDS as the requirements of SDS regulation do not apply. This product does not contain any known "substances of very high concern" (SVHC's).

SECTION 4: FIRST AID MEASURES



Description of first aid measures

Self-protection of the first aider	No action should be taken involving personal risk. Wear appropriate personal protective equipment, avoid direct contact.
Inhalation	If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
Skin Contact	IF ON SKIN: Gently wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. Molten material can cause severe burns. Do NOT try to peel molten material from the skin. Cool rapidly with water. If on skin immerse in cool water/wrap with wet bandages. Get immediate medical attention.
Eye Contact	Remove contact lenses, if present and easy to do. Continue rinsing. Hold eyelids apart and flush eyes with plenty of water for at least 15 minutes. If irritation develops and persists, get medical attention.
Ingestion	Give plenty of water to drink. Get medical advice/attention if you feel unwell.
Most important symptoms and effects, both acute and delayed	None anticipated. Molten material can cause severe burns. Mixture: Causes skin irritation. Causes eye irritation. May cause an allergic skin reaction. Heating can generate vapors that could cause headaches, nausea, dizziness, and respiratory irritation if inhaled.
Indication of any immediate medical attention and special treatment needed	Treat symptomatically. No antidotes known.

SECTION 5: FIREFIGHTING MEASURES

Extinguishing media

Suitable Extinguishing media	Not flammable. In case of fire use extinguishing media appropriate to surrounding conditions. Water spray, foam, dry powder or CO2.
Unsuitable extinguishing media	Do not use water jet. Direct water jet may spread the fire.
Special hazards arising from the substance or mixture	May give off noxious and toxic fumes in a fire. Combustion products: Carbon monoxide, Carbon dioxide, Oxides of nitrogen.
Advice for fire-fighters	Fire fighters should wear complete protective clothing including self-contained breathing apparatus. Do not breathe fumes. Keep containers cool by spraying with water if exposed to fire. Do not allow run-off from fire fighting to enter drains or water courses.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	No action should be taken involving personal risk. Wear appropriate personal protective equipment, avoid direct contact. Do not allow to enter drains, sewers or watercourses. Spillages or uncontrolled discharges into soil must be alerted to the appropriate regulatory body.
Methods and material for containment and cleaning up	Contain spillages. Allow product to cool/solidify and pick up as a solid. Recover the product where possible. Ventilate the area and wash spill site after material pick-up is complete. Wet clean or vacuum up solids. Use appropriate container to avoid environmental contamination.

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling	Provide adequate ventilation when using the material and follow the principles of good occupational hygiene to control personal exposures. Do not eat, drink or smoke when using this product. Ensure adequate ventilation. Avoid contact with skin, eyes or clothing. Remove contaminated clothing and wash clothing before reuse.
Conditions for safe storage, including any incompatibilities	Keep only in original packaging. Keep in a well-ventilated place. Keep container closed.
Storage temperature	Store in a cool/low-temperature, well-ventilated (dry) place away from heat and ignition sources. Recommended: 23 °C
Storage life	Stable at ambient temperatures.
Incompatible materials	Keep away from oxidising substances. Avoid contact with acids and alkalis.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters
Occupational Exposure Limits

Substance	CAS No.	ppm [1]	mg/m³ [1]	mppcf[a]	Skin designation	Notes	Source
Carbon Black	1333-86-4	-	3.5	-	-	-	NIOSH
		-	3.5	-	-	-	OSHA (Z-1)
		-	3.0	-	-	TLV Basis: Bronchitis	ACGIH, A3
Silica, amorphous	7631-86-9	-	6.0	-	-	-	NIOSH
		-	-	20.0	-	[(80 g/m3)/%SiO2]	OSHA (Z-3)

Source:
OSHA Permissible Exposure Limit (PEL): Occupational Safety and Health Standards, 1910.1000 TABLE Z-1; 1910.1000 TABLE Z-3
NIOSH: National Institute for Occupational Safety and Health (NIOSH) Recommended exposure limits (RELs)
ACGIH: American Conference of Governmental Industrial Hygienists - Threshold limit values (TLV) 2017

Note:
[1]: The PELs, RELs and TLVs are 8-hour TWAs (time-weighted average)
[a] Millions of particles per cubic foot of air
A3: Confirmed animal carcinogen with unknown relevance to humans.

Biological limit value Not established.

Exposure controls

Appropriate engineering controls Provide adequate ventilation when using the material and follow the principles of good occupational hygiene to control personal exposures. Keep away from fire, sparks and heated surfaces.

Personal protection equipment Use personal protective equipment as required. Take care for general good hygiene and housekeeping. Avoid inhalation of vapours that may be evolved at elevated temperatures.

Eye/ face protection



Wear eye protection with side protection (Recommended / Similar with: EN166). Eyewash bottles should be available.

Skin protection (Hand protection/ Other) 	**Hand protection** Insulating gloves; Recommended / Similar with: EN 407 (heat). Breakthrough time of the glove material: refer to the information provided by the gloves' producer. **Body protection** Wear impervious protective clothing, including boots, lab coat, apron or coveralls, as appropriate, to prevent skin contact.
Respiratory protection 	Respiratory protection is not necessary if room is well ventilated. In case of inadequate ventilation wear respiratory protection. Recommended: A self-contained breathing apparatus may be appropriate.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance	Tape
Odour	Odourless
Odour threshold	Not applicable (Article)
pH	Not applicable (Article)
Melting point/freezing point	Not determined
Initial boiling point and boiling range	Not applicable (Article
Flash point	Not determined
Evaporation rate	Not applicable (Article)
Flammability (solid, gas)	Not determined
Upper/lower flammability or explosive limits	Not applicable (Article)
Vapour pressure	Not applicable (Article)
Vapour density	Not applicable (Article)
Relative density	1.2
Solubility(ies)	Water: Insoluble
Partition coefficient: n-octanol/water	Not applicable (Article)
Auto-ignition temperature	Not applicable (Article)
Decomposition Temperature	Not determined
Viscosity (mPa. s)	Not applicable (Article)
Explosive properties	Not explosive
Oxidising properties	Not oxidising

Other information

Density	1280 kg/m³
Explosive properties	Not explosive
Oxidising properties	Not oxidising

SECTION 10: STABILITY AND REACTIVITY

Reactivity	Stable under normal conditions.
Chemical stability	Stable under normal conditions.
Possibility of hazardous reactions	Hazardous polymerisation will not occur.
Conditions to avoid	Avoid prolonged storage at elevated temperature.
Incompatible materials	Keep away from oxidising substances. Avoid contact with acids and alkalis.
Hazardous decomposition product(s)	Combustion products: Carbon monoxide, Carbon dioxide, Oxides of nitrogen. Decomposition products may include toxic and irritant fumes.

SECTION 11: TOXICOLOGICAL INFORMATION

Information on toxicological effects
This material is produced as an “article” as defined in Hazard Communication Standard (29 CFR 1910.1200) of the Occupational Safety and Health Administration of the United States of America and is therefore exempt from hazard classification and labelling, and SDS requirements .

Acute toxicity - Ingestion	Based upon the available data, the classification criteria are not met.
Acute toxicity - Inhalation	Based upon the available data, the classification criteria are not met.
Acute toxicity - Skin Contact	Based upon the available data, the classification criteria are not met.
Skin corrosion/irritation	Based upon the available data, the classification criteria are not met.
Serious eye damage/irritation	Based upon the available data, the classification criteria are not met.
Respiratory or skin sensitization	Based upon the available data, the classification criteria are not met.
Germ cell mutagenicity	Based upon the available data, the classification criteria are not met.
Carcinogenicity	Based upon the available data, the classification criteria are not met.
Reproductive toxicity	Based upon the available data, the classification criteria are not met.
STOT - single exposure	Based upon the available data, the classification criteria are not met.
STOT - repeated exposure	Based upon the available data, the classification criteria are not met.
Aspiration hazard	Based upon the available data, the classification criteria are not met.

Information on likely routes of exposure

Inhalation	Unlikely – accidental exposure
Ingestion	Unlikely – accidental exposure
Skin Contact	Possible – accidental exposure
Eye Contact	Unlikely – accidental exposure

Early onset symptoms related to exposure	Product type**:** Article with substance/mixture as integral part. Molten material can cause severe burns. Mixture: Causes skin irritation. Causes eye irritation. May cause an allergic skin reaction.
Delayed health effects from exposure	Not applicable.
Other information	
NTP Report on Carcinogens	Not applicable (Article)
IARC Monographs	Not applicable (Article)
OSHA Designated Carcinogen	Not applicable (Article)
NIOSH Occupational Carcinogen List	Not applicable (Article)

SECTION 12: ECOLOGICAL INFORMATION

This material is produced as an “article” as defined in Hazard Communication Standard (29 CFR 1910.1200) of the Occupational Safety and Health Administration of the United States of America and is therefore exempt from hazard classification and labelling, and SDS requirements .

Ecotoxicity	Contains environmentally dangerous component(s) which cannot be released in normal conditions of use.
Persistence and degradability	No information available.
Bioaccumulative potential	Not applicable (Article)
Mobility in soil	Not applicable (Article)
Results of PBT and VPVB assessment	None of the substances in this product fulfil the criteria for being regarded as a PBT or vPvB substance.
Other adverse effects	No information available

SECTION 13: DISPOSAL CONSIDERATIONS

Waste treatment methods	Dispose of this material and its container as hazardous waste. Send after pre-treatment to a appropriate hazardous waste incinerator facility according to legislation. Dispose of contents in accordance with local, state or national legislation. Dispose of wastes in an approved waste disposal facility. Recover or recycle if possible.

SECTION 14: TRANSPORT INFORMATION

	Road/Rail (ADR/RID)	**Sea transport (IMDG)**	**Air (ICAO/IATA)**
UN number	Not applicable.	Not applicable.	Not applicable.
UN proper shipping name	Not applicable.	Not applicable.	Not applicable.
Transport hazard class(es)	Not applicable.	Not applicable.	Not applicable.
Hazard Identification Number	Not applicable.	Not applicable.	Not applicable.
Classification code	Not applicable.	Not applicable.	Not applicable.
Packing group	Not applicable.		
Environmental hazards	Not applicable.		
Special precautions for user	Not applicable.		
Special Provisions	Not applicable.		
Limited Quantities	Not applicable.		
Excepted Quantities	Not applicable.		

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not applicable.
Additional Information	None known

SECTION 15: REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture

US Federal Regulations

TSCA Inventory	Not applicable.
TSCA Inventory Notification (Active-Inactive) Rule	Not applicable.
TSCA Chemical Data Reporting (CDR) Rule	Not applicable.

US State Regulations

Proposition 65 (California)	Not applicable.

EU regulations

Volatile Organic Compound Content (%):	0.0%

SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements: Not applicable – V1.0

Version	24-AUG-2018
Revision Date	24-August-2018
Date Previous Issue:	Not Applicable

References:
Existing Safety Data Sheet (SDS).

Hazard classification: This material is produced as an "article" as defined in Hazard Communication Standard (29 CFR 1910.1200) of the Occupational Safety and Health Administration of the United States of America and is therefore exempt from hazard classification and labelling, and SDS requirements.

LEGEND

ADR/RID	ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road / RID: Regulations concerning the international railway transport of dangerous goods
CAS	CAS: Chemical Abstracts Service
EU	European Union
IATA	IATA: International Air Transport Association
ICAO/IATA	ICAO: International Civil Aviation Organization / IATA: International Air Transport Association
IMDG	IMDG: International Maritime Dangerous Goods
PBT	PBT: Persistent, Bioaccumulative and Toxic
UN	United Nations
vPvB	vPvT: very Persistent and very Toxic

Training advice: Consideration should be given to the work procedures involved and the potential extent of exposure as they may determine whether a higher level of protection is required.

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