

Gemini Adhesives Ltd

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REACH and RoHS Statement

RoHS Directive 2002/96 EC and RoHS Recast 2011/65 EC

The Restriction of Hazardous Substances (RoHS) directive covers the use of six banned substances: Lead, cadmium, mercury, hexavalent chromium, polybrominated biphenyl (PBB) and polybrominated diphenyl ether (PBDE) flame retardants. Based on information provided by our suppliers, and to the very best of our knowledge, the ingredients used in the formulations itemised below (i) **Does not contain** substances which are restricted by the RoHS legislation.

Product	Colour	RoHS Compliant	Substance Listed
GCS-01	White	Yes	None
GCS-01	Grey	Yes	None
GCS-01	Dark Grey	Yes	None
GCS-01	Black	Yes	None
GCF-038 / 020	Black	Yes	None
GTC	White	Yes	None
GSO-100	White	Yes	None
GSO-100	Grey	Yes	None
GSO-100	Dark Grey	Yes	None
GSO-100	Black	Yes	None
GFS-100-02	White	Yes	None
GFS-100-02	Grey	Yes	None
GFS-100-02	Dark Grey	Yes	None
GFS-100-02	Black	Yes	None
GSI-100-02 / 100-02.5	White	Yes	None
GSI-100-02 / 100-02.5	Grey	Yes	None
GSI-100-02 / 100-02.5	Dark Grey	Yes	None
GSI-100-02 / 100-02.5	Black	Yes	None
GRS-02 / 02.5 / 03.2	Black	Yes	None
GSRS-04.5 / 06	Black	Yes	None

REACH Directive 1907/2006 EC

REACH is the European Community Regulation on chemicals and their safe use ([EC 1907/2006](#)). It deals with the **Registration, Evaluation, Authorisation and Restriction of Chemical substances**. The law entered into force on 1 June 2007.

The aim of REACH is to improve the protection of human health and the environment through the better and earlier identification of the intrinsic properties of chemical substances. At the same time, REACH aims to enhance innovation and competitiveness of the EU chemicals industry. The benefits of the REACH system will come gradually, as more and more substances are phased into REACH.

The REACH Regulation places greater responsibility on industry to manage the risks from

chemicals and to provide safety information on the substances. Manufacturers and importers are required to gather information on the properties of their chemical substances, which will allow their safe handling, and to register the information in a central database run by the [European Chemicals Agency \(ECHA\)](#) in Helsinki. The Agency acts as the central point in the REACH system: it manages the databases necessary to operate the system, co-ordinates the in-depth evaluation of suspicious chemicals and is building up a public database in which consumers and professionals can find hazard information.

The Regulation also calls for the progressive substitution of the most dangerous chemicals when suitable alternatives have been identified. For more information read: [REACH in Brief](#).

One of the main reasons for developing and adopting the REACH Regulation was that a large number of substances have been manufactured and placed on the market in Europe for many years, sometimes in very high amounts, and yet there is insufficient information on the hazards that they pose to human health and the environment. There is a need to fill these information gaps to ensure that industry is able to assess hazards and risks of the substances, and to identify and implement the risk management measures to protect humans and the environment.

REACH provisions are being phased-in over 11 years. Companies can find explanations of REACH on the [ECHA website](#), in particular in the [guidance documents](#), and can contact national [helpdesks](#).

This statement is in response to your request as to whether our Grade(s) contain(s) Substances of Very High Concern (SVHC) addressed through the Authorisation system (REACH Title VII) referred to in Article 59 and which may be included in Article 58 in Annex XIV substances which may be subject to authorisation of the REACH regulation 1907/2006/EC (REACH

Regarding the Candidate list of substances of very high concern (SVHC) under EACH which are listed in accordance with criteria given in Article 57 where a substance is carcinogenic, mutagenic, toxic for reproduction, persistent, bioaccumulative and toxic (PBT), very persistent and very bioaccumulative (vPvB) according to the criteria set out in Annex XIII to the REACH Regulation or there is "scientific evidence of probable serious effects to human health or the environment which give rise to an equivalent level of concern"; such substances are identified on a case-by-case basis.

I can confirm that the grades manufactured by Gemini Adhesives Ltd and itemised below (ii) do not contain any SVHC's listed in their formulation knowingly greater than 0.1% (w/w) that currently appear on the latest SVHC list in accordance with article 33 of REACH dated 19th December 2011 and that all suppliers of substances listed have indicated they are pre-registered or are registered under REACH and our usage scenarios are adequately included in their exposure scenarios. Please inform us if you feel it is likely that your intended usage scenario is not adequately covered so we can communicate this up the supply chain.

Product	Colour	REACH Compliant	SVHC
GCS-01	White	Yes	None
GCS-01	Grey	Yes	None
GCS-01	Dark Grey	Yes	None
GCS-01	Black	Yes	None
GCF-038 / 020	Black	Yes	None
GTC	White	Yes	None
GSO-100	White	Yes	None
GSO-100	Grey	Yes	None
GSO-100	Dark Grey	Yes	None
GSO-100	Black	Yes	None
GFS-100	White	Yes	None
GFS-100	Grey	Yes	None
GFS-100	Dark Grey	Yes	None

GFS-100	Black	Yes	None
GSI-100-02 / 100-02.5	White	Yes	None
GSI-100-02 / 100-02.5	Grey	Yes	None
GSI-100-02 / 100-02.5	Dark Grey	Yes	None
GSI-100-02 / 100-02.5	Black	Yes	None
GRS-02 / 02.5 / 03.2	Black	Yes	None
GSRS-04.5 / 06	Black	Yes	None

Any further information required please contact:

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The above information is based on the present state of our knowledge. Any conclusions and recommendations are made without liability on our part. Users should make their own assessment of our product under their own conditions and for their own requirements.

