

EUROPEAN PATENT OFFICE
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 1628

DATE: MAY 1, 2024

PROJECT MP11960

The following classification changes will be effected by this Notice of Changes:

<u>Action</u>	<u>Subclass</u>	<u>Group(s)</u>
SCHEME:		
Notes New:	C09J	2400/00
	C09J	2401/00
	C09J	2403/00
	C09J	2405/00
	C09J	2407/00
	C09J	2409/00
	C09J	2411/00
	C09J	2413/00
	C09J	2415/00
	C09J	2417/00
	C09J	2421/00
	C09J	2423/00
	C09J	2425/00
	C09J	2427/00
	C09J	2429/00
	C09J	2431/00
	C09J	2433/00
	C09J	2451/00
	C09J	2453/00
	C09J	2455/00
	C09J	2459/00
	C09J	2461/00
	C09J	2463/00
	C09J	2465/00
	C09J	2467/00
	C09J	2469/00
	C09J	2471/00
	C09J	2475/00
	C09J	2477/00
	C09J	2479/00
	C09J	2481/00
	C09J	2483/00
	C09J	2489/00
	C09J	2491/00
	C09J	2493/00
	C09J	2495/00
	C09J	2497/00
	C09J	2499/00
Notes Modified:	C09J	2301/414
Guidance Headings New:	C09J	2400/00

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<u>Action</u>	<u>Subclass</u>	<u>Group(s)</u>
DEFINITIONS:		
Definitions New:	C09J	9/00, 11/00
	C09J	2203/00, 2301/00, 2301/312, 2301/40, 2400/00
Definitions Modified:	C09J	Subclass
	C09J	5/00, 7/00

No other subclasses/groups are impacted by this Notice of Changes.

This Notice of Changes includes the following [Check the ones included]:

1. CLASSIFICATION SCHEME CHANGES

- A. New, Modified or Deleted Group(s)
- B. New, Modified or Deleted Warning(s)
- C. New, Modified or Deleted Note(s)
- D. New, Modified or Deleted Guidance Heading(s)

2. DEFINITIONS

- A. New or Modified Definitions (Full definition template)
- B. Modified or Deleted Definitions (Definitions Quick Fix)

3. REVISION CONCORDANCE LIST (RCL)

4. CHANGES TO THE CPC-TO-IPC CONCORDANCE LIST (CICL)

5. CHANGES TO THE CROSS-REFERENCE LIST (CRL)

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1. CLASSIFICATION SCHEME CHANGES

C. New, Modified or Deleted Note(s)**SUBCLASS C09J - ADHESIVES; NON-MECHANICAL ASPECTS OF ADHESIVE PROCESSES IN GENERAL; ADHESIVE PROCESSES NOT PROVIDED FOR ELSEWHERE; USE OF MATERIALS AS ADHESIVES (preparation of glue or gelatine C09H)**

<u>Type*</u>	<u>Location</u>	<u>Old Note</u>	<u>New/Modified Note</u>
M	C09J2301/414	This group is to be used in combination with combined indexing codes of C09J2401/00 - C09J2499/008 in case a copolymer is present but not a blend.	This group is to be used in combination with C-Sets of C09J2401/00 - C09J2499/008 in case a copolymer is present but not a blend.
N	C09J2400/00		In this group, combination sets [C-Sets] are used. Detailed information about the C-Sets construction and the associated syntax rules is present in the definitions of C09J.
N	C09J2401/00		In this group, combination sets [C-Sets] are used. Detailed information about the C-Sets construction and the associated syntax rules is present in the definitions of C09J.
N	C09J2403/00		In this group, combination sets [C-Sets] are used. Detailed information about the C-Sets construction and the associated syntax rules is present in the definitions of C09J.
N	C09J2405/00		In this group, combination sets [C-Sets] are used. Detailed information about the C-Sets construction and the associated syntax rules is present in the definitions of C09J.
N	C09J2407/00		In this group, combination sets [C-Sets] are used. Detailed information about the C-Sets construction and the associated syntax rules is present in the definitions of C09J.
N	C09J2409/00		In this group, combination sets [C-Sets] are used. Detailed information about the C-Sets construction and the associated syntax rules is present in the definitions of C09J.

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<u>Type*</u>	<u>Location</u>	<u>Old Note</u>	<u>New/Modified Note</u>
N	C09J2411/00		In this group, combination sets [C-Sets] are used. Detailed information about the C-Sets construction and the associated syntax rules is present in the definitions of C09J.
N	C09J2413/00		In this group, combination sets [C-Sets] are used. Detailed information about the C-Sets construction and the associated syntax rules is present in the definitions of C09J.
N	C09J2415/00		In this group, combination sets [C-Sets] are used. Detailed information about the C-Sets construction and the associated syntax rules is present in the definitions of C09J.
N	C09J2417/00		In this group, combination sets [C-Sets] are used. Detailed information about the C-Sets construction and the associated syntax rules is present in the definitions of C09J.
N	C09J2421/00		In this group, combination sets [C-Sets] are used. Detailed information about the C-Sets construction and the associated syntax rules is present in the definitions of C09J.
N	C09J2423/00		In this group, combination sets [C-Sets] are used. Detailed information about the C-Sets construction and the associated syntax rules is present in the definitions of C09J.
N	C09J2425/00		In this group, combination sets [C-Sets] are used. Detailed information about the C-Sets construction and the associated syntax rules is present in the definitions of C09J.
N	C09J2427/00		In this group, combination sets [C-Sets] are used. Detailed information about the C-Sets construction and the associated syntax rules is present in the definitions of C09J.
N	C09J2429/00		In this group, combination sets [C-Sets] are used. Detailed information about the C-Sets

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<u>Type*</u>	<u>Location</u>	<u>Old Note</u>	<u>New/Modified Note</u>
			construction and the associated syntax rules is present in the definitions of C09J.
N	C09J2431/00		In this group, combination sets [C-Sets] are used. Detailed information about the C-Sets construction and the associated syntax rules is present in the definitions of C09J.
N	C09J2433/00		In this group, combination sets [C-Sets] are used. Detailed information about the C-Sets construction and the associated syntax rules is present in the definitions of C09J.
N	C09J2451/00		In this group, combination sets [C-Sets] are used. Detailed information about the C-Sets construction and the associated syntax rules is present in the definitions of C09J.
N	C09J2453/00		In this group, combination sets [C-Sets] are used. Detailed information about the C-Sets construction and the associated syntax rules is present in the definitions of C09J.
N	C09J2455/00		In this group, combination sets [C-Sets] are used. Detailed information about the C-Sets construction and the associated syntax rules is present in the definitions of C09J.
N	C09J2459/00		In this group, combination sets [C-Sets] are used. Detailed information about the C-Sets construction and the associated syntax rules is present in the definitions of C09J.
N	C09J2461/00		In this group, combination sets [C-Sets] are used. Detailed information about the C-Sets construction and the associated syntax rules is present in the definitions of C09J.
N	C09J2463/00		In this group, combination sets [C-Sets] are used. Detailed information about the C-Sets construction and the associated syntax rules is present in the definitions of C09J.

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<u>Type*</u>	<u>Location</u>	<u>Old Note</u>	<u>New/Modified Note</u>
N	C09J2465/00		In this group, combination sets [C-Sets] are used. Detailed information about the C-Sets construction and the associated syntax rules is present in the definitions of C09J.
N	C09J2467/00		In this group, combination sets [C-Sets] are used. Detailed information about the C-Sets construction and the associated syntax rules is present in the definitions of C09J.
N	C09J2469/00		In this group, combination sets [C-Sets] are used. Detailed information about the C-Sets construction and the associated syntax rules is present in the definitions of C09J.
N	C09J2471/00		In this group, combination sets [C-Sets] are used. Detailed information about the C-Sets construction and the associated syntax rules is present in the definitions of C09J.
N	C09J2475/00		In this group, combination sets [C-Sets] are used. Detailed information about the C-Sets construction and the associated syntax rules is present in the definitions of C09J.
N	C09J2477/00		In this group, combination sets [C-Sets] are used. Detailed information about the C-Sets construction and the associated syntax rules is present in the definitions of C09J.
N	C09J2479/00		In this group, combination sets [C-Sets] are used. Detailed information about the C-Sets construction and the associated syntax rules is present in the definitions of C09J.
N	C09J2481/00		In this group, combination sets [C-Sets] are used. Detailed information about the C-Sets construction and the associated syntax rules is present in the definitions of C09J.
N	C09J2483/00		In this group, combination sets [C-Sets] are used. Detailed information about the C-Sets

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<u>Type*</u>	<u>Location</u>	<u>Old Note</u>	<u>New/Modified Note</u>
			construction and the associated syntax rules is present in the definitions of C09J.
N	C09J2489/00		In this group, combination sets [C-Sets] are used. Detailed information about the C-Sets construction and the associated syntax rules is present in the definitions of C09J.
N	C09J2491/00		In this group, combination sets [C-Sets] are used. Detailed information about the C-Sets construction and the associated syntax rules is present in the definitions of C09J.
N	C09J2493/00		In this group, combination sets [C-Sets] are used. Detailed information about the C-Sets construction and the associated syntax rules is present in the definitions of C09J.
N	C09J2495/00		In this group, combination sets [C-Sets] are used. Detailed information about the C-Sets construction and the associated syntax rules is present in the definitions of C09J.
N	C09J2497/00		In this group, combination sets [C-Sets] are used. Detailed information about the C-Sets construction and the associated syntax rules is present in the definitions of C09J.
N	C09J2499/00		In this group, combination sets [C-Sets] are used. Detailed information about the C-Sets construction and the associated syntax rules is present in the definitions of C09J.

*N = new note, M = modified note, D = deleted note

NOTE: The "Location" column only requires the symbol PRIOR to the location of the note. No further directions such as "before" or "after" are required.

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D. New, Modified or Deleted Guidance Heading(s)

SUBCLASS C09J - ADHESIVES; NON-MECHANICAL ASPECTS OF ADHESIVE PROCESSES IN GENERAL; ADHESIVE PROCESSES NOT PROVIDED FOR ELSEWHERE; USE OF MATERIALS AS ADHESIVES (preparation of glue or gelatine C09H)

<u>Type*</u>	<u>Location</u>	<u>Old Guidance Heading</u>	<u>New/Modified Guidance Heading</u>
N	C09J2400/00 – C09J2499/00		Indexing scheme related to the use of materials in adhesive processes in general or adhesives in the form of films or foils

*N = new guidance heading, M =modified guidance heading, D = deleted guidance heading

NOTES:

- The “Location” column requires the symbol AFTER the guidance heading location. No further directions such as “before” or “after” are required.
- In cases where there may be confusion as to whether a new group falls within the scope of a guidance heading, indicate the guidance heading and whether the group does or does not go with the guidance heading. This can be included in the “Location” column. For example, the guidance heading “Compounds containing carbon together with sulfur, selenium or tellurium with or without hydrogen, halogens, oxygen or nitrogen” encompasses groups C07C 301/00-395/00 only. If a new group C07C 398/00 is proposed and is included in the guidance heading scope, indicate this in the “Location” column as follows: 398/00 to be included under the guidance heading: “Compounds containing carbon together with sulfur, selenium or tellurium with or without hydrogen, halogens, oxygen or nitrogen.”

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2. A. DEFINITIONS (new)

C09J 9/00

Definition statement

This place covers:

Adhesives that are specified (when the macromolecular constituent is known) and where the emphasis is on the physical nature or the effect produced.

In this place, the physical nature or effect produced refers to non-mechanical, physical nature and/or effects such as optical, electrical or thermal conductivity of the adhesive rather than mechanical properties such as tensile strength, moduli or peel strength.

Relationships with other classification places

Adhesives characterised by their mechanical properties are classified according to the specific adhesive or the unspecified adhesive as discussed throughout the C09J definition statement. In other words, the adhesive would be classified as if the mechanical properties were not present.

Classification in C09J 9/00 shall only be done when the adhesive is specified and when the effect due to the presence of an additive cannot appropriately be classified in C08K. The additive responsible for the physical nature or effect produced when the adhesive is specified is classified according to the adhesive and the appropriate C08K symbol for the additive.

Example:

Electrically conductive adhesive comprising a polyurethane adhesive and metallic particles is classified in C09J 9/02 (when the focus of the invention is on the effect obtained), C09J 175/04 (polyurethane) and C08K 3/08 (ADD) (for the additive itself), since C08K3/08 classifies the metallic particle and not its effect.

Adhesives characterised by their physical nature or effect produced when the adhesive itself is unspecified and the additive is known are classified in C09J 11/00 according to the additive responsible for the physical nature or effect produced.

Example:

Adhesive comprising an unspecified polymer and metallic particles is classified in C09J 11/04 (for the presence of the additive) and in C08K 3/08 (ADD) (for the additive itself).

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References

Limiting references

This place does not cover:

Adhesives in the form of films or foils

C09J 7/00

C09J 11/00

Definition statement

This place covers:

Additives in adhesive formulations where the adhesive itself is unspecified and the additive is known.

Relationships with other classification places

Additives in adhesive formulations where the adhesive itself is specified are classified in the appropriate group in C09J 101/00 – C09J 201/10 and in C08K in the form of a C-Set. See C09J definitions.

C09J 2203/00

Definition statement

This place covers:

Additional features of applications of adhesives in processes (C09J 5/00) or uses of adhesives in the form of films or foils (C09J 7/00).

Special rules of classification

A symbol from C09J 5/00 or C09J 7/00 must be allocated for the indexing codes under C09J 2203/00 to be allocated as well.

Example:

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An adhesive process used in the fabrication of shoes involving the pre-treatment of a substrate is classified in C09J 2203/362 and in C09J 5/02.

An adhesive tape with a paper carrier used as masking tape for painting is classified in C09J 7/21 and in C09J 2203/31.

C09J 2301/00

Definition statement

This place covers:

Additional features of adhesives in the form of films or foils (C09J 7/00).

C09J 2301/312

Definition statement

This place covers:

Additional features of adhesives in the form of films or foils with parameters being the characterising feature when the adhesive itself is not specified.

C09J 2301/40

Definition statement

This place covers:

Additional features of adhesives in the form of films or foils characterised by the presence of essential components.

C09J 2400/00

Definition statement

This place covers:

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Orthogonal indexing codes related to adhesives in the form of films or foils, classified in C09J 7/00 – C09J 7/50 and in adhesive processes in general classified in C09J 5/00 – C09J 5/10.

Special rules of classification

Classification guidance:

The indexing scheme of C09J 2400/00 covers the use of materials in adhesive processes in general or adhesives in the form of films or foils and is used as single symbols or in C-Sets (in the case of blends or copolymers) in conjunction with groups C09J 5/00 and C09J 7/00.

Use of indexing codes as single symbols:

In groups C09J 2401/00 - C09J 2499/008, each indent within a given group points to a particular material, monomer or (co)polymer in a specific layer, e.g.

C09J 2401/00: presence of cellulose in the adhesive layer

C09J 2401/001: presence of cellulose in the barrier layer

C09J 2401/003: presence of cellulose in the primer coating

C09J 2401/005: presence of cellulose in the release coating

C09J 2401/006: presence of cellulose in the substrate

C09J 2401/008: presence of cellulose in the pretreated surface to be joined

Orthogonal indexing codes within C09J 2400/00 – C09J 2499/008 can be allocated as single symbol(s) and/or in C-Sets.

Combination sets (C-Sets):

C-Sets statement: #C9Jg

- In groups C09J 2400/00 – C09J 2499/008 blends of material or resins used within the same layer of adhesives in the form of films or foils are classified in the form of C-Sets.
- In #C9Jg, the base symbol, representing the first material or (co)polymer in a given layer, is taken from groups C09J 2400/00 – C09J 2499/008, whereas the

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subsequent symbol(s), representing the second or further material or (co)polymer in the same layer, is (are) taken from the corresponding groups in C09J 2400/00 – C09J 2499/008.

C-Sets syntax rules:

- Each C-Set shall contain two or more symbols.
- Duplicate symbols are allowed in these C-Sets.
- In these C-Sets the symbols are arranged in alphanumerical order.

C-Sets examples:

- #C9Jg: A blend of a poly(meth)acrylate polymer (C09J 2433/00) and a polyolefin resin (C09J 2423/00) in an adhesive layer is classified as (C09J 2423/00, C09J 2433/00).
- #C9Jg: A blend of two distinct poly(meth)acrylate polymers (C09J 2433/00) in an adhesive layer is classified as (C09J 2433/00, C09J 2433/00).
- #C9Jg: A blend of a poly(meth)acrylate (C09J 2433/001) and PVC resin (C09J 2427/001) in a barrier layer is classified as (C09J 2427/001, C09J 2433/001).
- #C9Jg: A blend of a polyamide (C09J 2477/003), polyimide (C09J 2479/083), and a polyester (C09J 2467/003) resin in a primer coating layer is classified as (C09J 2467/003, C09J 2477/003, C09J 2479/083).
- #C9Jg: A blend of a polyethylene (C09J 2423/046) and polypropylene resin (C09J 2423/106) in a substrate layer is classified as (C09J 2423/046, C09J 2423/106).
- #C9Jg: A blend in a pretreated surface to be joined of a polyester (C09J 2467/008) and a polycarbonate resin (C09J 2469/008) is classified as (C09J 2467/008, C09J 2469/008).

a.

C-Sets statement: #C9Jh

- In groups C09J 2400/00 – C09J 2499/008, the nature of the monomers in a (co)polymer used within a given layer of adhesives in the form of films or foils is classified in the form of C-Sets.

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- In #C9Jh, the base symbol, representing the first monomer in a (co)polymer in a given layer, is taken from groups C09J 2400/00 – C09J 2499/008, whereas the subsequent symbols, representing the second or further monomer in a (co)polymer in the same layer, are taken from the corresponding groups in C09J 2400/00 – C09J 2499/008. In addition, the indexing code C09J 2301/414 must be given as a separate symbol.

b.

C-Sets syntax rules:

- Each C-Set shall contain two or more symbols.
- Duplicate symbols are allowed in these C-Sets.
- In these C-Sets the symbols are arranged in alphanumerical order.

c.

C-Sets examples:

- #C9Jh: A copolymer of polyethylene (C09J 2423/04) and polyvinyl alcohol (C09J 2429/00) in an adhesive layer is classified as (C09J 2423/04, C09J 2429/00) and in C09J 2301/414.
- #C9Jh: A copolymer of a tetrafluoroethylene (C09J 2427/005) and ethylene (C09J 2423/045) in a release coating layer is classified as (C09J 2423/045, C09J 2427/005) and in C09J 2301/414.

d.

For searches using C-Sets:

C-Sets search queries may be made according to C-Sets classification rules described in C09J and related subclasses.

2. A. DEFINITIONS (modified)

C09J

Replace: The existing Special rules text with the following updated text.

Special rules of classification

Classification guidance:

- In this subclass, adhesives containing specific organic macromolecular substances are classified only according to the macromolecular substance, non-macromolecular substances not being taken into account.
- Example: an adhesive containing polyethene and amino-propyltrimethoxysilane is classified in group [C09J 123/06](#).
- However, adhesives containing combinations of organic non-macromolecular compounds having at least one polymerisable carbon-to-carbon unsaturated bond with prepolymers or polymers other than unsaturated polymers of groups [C09J 159/00](#) - [C09J 187/00](#) are classified according to the unsaturated non-macromolecular component in group [C09J 4/06](#).
- Example: an adhesive containing polyethene and styrene monomer is classified in group [C09J 4/06](#).
- Aspects relating to the physical nature of the adhesives or to the effects produced, as defined in group [C09J 9/00](#), if clearly and explicitly stated, are also classified in this subclass.
- Unspecified adhesives (when the macromolecular constituent is not specified) characterised by additives are classified in group [C09J 11/00](#).
- In this subclass, adhesives comprising two or more macromolecular constituents are classified according to the macromolecular constituent or constituents present in the highest proportion, i.e. the constituent on which the composition is based. If the composition is based on two or more constituents, present in equal proportions, the adhesive is classified according to each of these constituents.
- Example: an adhesive containing 80 parts of polyethene and 20 parts of polyvinylchloride is classified in group [C09J 123/06](#). An adhesive containing 40 parts of polyethene and 40 parts of polyvinylchloride is classified in groups [C09J 123/06](#) and [C09J 127/06](#).

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- In groups [C09J 101/00](#) - [C09J 201/00](#), any macromolecular constituent of an adhesive which is not identified by the classification according to Note (3) after the title of subclass [C09J](#), and the use of which is determined to be novel and non-obvious, must also be classified in a group chosen from groups [C09J 101/00](#) - [C09J 201/00](#).
- In groups [C09J 123/00](#) - [C09J 149/00](#), in the absence of an indication to the contrary, a copolymer is classified according to the major monomeric component.
- In groups [C09J 165/00](#) - [C09J 185/00](#), in the absence of an indication to the contrary, adhesives based on macromolecular compounds obtained by reactions forming two different linkages in the main chain are classified only according to the linkage present in excess.
- When the adhesive is a specified organic polymer, classification is given in [C09J 101/00](#) - [C09J 201/00](#). When the adhesive is a specified inorganic constituent, classification is given in [C09D 1/00](#).
- Adhesive compositions containing a single polymer and an inorganic or non-macromolecular organic additive as compounding agent are not classified in [C08K](#), but in the [C09J](#) subclass together with the corresponding symbol in [C08K](#) in the form of C-Sets (i.e. #C9Je).
- Adhesive compositions containing specific organic macromolecular substances are classified according to the macromolecular substance.
- Adhesive compositions comprising specific macromolecular substances with other macromolecular substances and/or non-macromolecular substances are also classified under the form of C-Sets as explained below.

Allocation of indexing codes:

- Orthogonal Indexing codes may be allocated in conjunction with combination-set symbols. In these situations, allocations of specific indexing codes are indicated with the related C-Sets in C-Sets classification.

Combination sets (C-Sets):

In this subclass, C-Sets classification is applied to the following groups, listed in the table below, if the document discloses a pertinent combination of technical features that cannot be covered by the allocation of a single symbol. The fourth column of the table indicates the place where the detailed information about the C-Sets construction and the associated syntax rules can be found, in the section Special rules of classification.

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C-SETS ID	BASE SYMBOLS	SUBSEQUENT SYMBOLS	C-SETS FORMULA; LOCATION OF C-SETS RULES
#C9Ja	C09J 4/00	C08F 210/00 - C08F 246/00 (excluding breakdown indexing codes)	(C09J 4/00, C08F); an adhesive composition based on at least one monomer; see C09J 4/00
#C9Jb	C09J 4/06	C08F 251/00 - C08F 291/185	(C09J 4/06, C08F); an adhesive composition based on at least one monomer and at least one polymer; see C09J 4/06
#C9Jc	C09J 101/00 - C09J 201/10	C08L 1/00 - C08L 101/16 (excluding breakdown indexing codes)	(C09J, C08L ...); an adhesive composition of two or more polymers; see C09J 101/00
#C9Jc(Si)	C09J 101/00 - C09J 201/10 (excluding C09J 183/02 - C09J 183/16)	C08L 83/02 - C08L 83/16, C08L 83/00	(C09J, C08L 83/02 - C08L 83/16, C08L 83/00, ...); an adhesive composition comprising one non-Si-based polymer in majority and two or more Si-based polymers; see C09J 101/00
#C9Jc(Si) 2	C09J 183/02 - C09J 183/16	C08L 83/00 and optionally C08L 1/00 - C08L 101/16 (excluding C08L 83/02 - C08L 83/16 and excluding breakdown indexing codes)	(C09J 183/02 - C09J 183/16, C08L 83/00, ..., C08L, ...); an adhesive composition comprising one Si-based polymer in majority and one or more Si-based polymers and optionally non-Si-based polymer(s); see C09J 183/00
#C9Je	C09J 101/00 - C09J 201/10	C08K 3/00 - C08K 13/08 (excluding breakdown indexing codes)	(C09J, C08K, ...); an adhesive composition of two or more polymers

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			with additive(s); see C09J 101/00
#C9Jf	C09J 101/00 - C09J 201/10	C08L 1/00 – C08L 101/16 (excluding breakdown indexing codes), C08K 3/00 - C08 K 13/08 (excluding breakdown indexing codes)	(C09J, C08L, ...C08K,...); an adhesive composition of two or more polymers with additive(s); see C09J 101/00
#C9Jf(Si)	C09J 101/00 - C09J 201/10 (e xcluding C09J 183/02 - C09J 183/16)	C08L 83/02 -C08L 83/16, C08L 83/00, C08K 3/00 - C08K 13/08 (excluding breakdown indexing codes)	(C09J, C08L 83/02 – C08L 83/1 6, C08L 83/00, ..., C08K, ...); an adhesive composition comprising one non-Si-based polymer in majority and two or more Si-based polymers and additive(s); see C09J 101/00
#C9Jf(Si)2	C09J 183/02 - C09J 183/16	C08L 83/00 and optionally C08L 1/00 – C08L 101/16 (excluding C08L 83/02 - C08L 83/16) and excluding breakdown indexing codes), C08K 3/00 – C08K 13/08 (excluding breakdown indexing codes)	(C09J 183/02 - C09J 183 /16, C08L 83/00, ..., C08L,... C08K, ...); an adhesive composition comprising one Si-based polymer in majority with one or more Si-based polymers and optionally non-Si polymer(s) and additive(s); see C09J 183/00
#C9J(z)	C09J 101/00 - C09J 201/10	C08L 2666/00 - C08L 2666/26	(C09J, C08L 2666/00 - C08L 26 66/26); an adhesive composition of two or more polymers; see C09J 101/00
#C9Jg	C09J 2400/00 – C09J 2499/008 (exclusions	C09J 2400/00 – C09J 2499/008 (exclusions apply, see C-Set rules)	(C09J 2400/00 – C09J 2499/008, C09J 2400/00 – C09J 2499/008, blends of material or resins used within the same layer of

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	apply, see C-Set rules)		adhesives in the form of films or foils or in adhesive processes in general; see C09J 2400/00
#C9Jh	C09J 2400/00 – C09J 2499/008 (exclusions apply, see C-Set rules)	C09J 2400/00 – C09J 2499/008 (exclusions apply, see C-Set rules)	(C09J 2400/00 – C09J 2499/008 , C09J 2400/00 – C09J 2499/008 , ...), C09J 2301/414 (co)polymers used within the same layer of adhesives in the form of films or foils or in adhesive processes in general; see C09J 2400/00

The specific C-Sets rule is located at only one place of the base symbol in the section Special rules of classification in the definition. If the C-Sets rule is applicable to all groups of a subclass, it is located at the subclass level only. If the same C-Sets rule is applicable to multiple groups or subgroups within the same subclass, the C-Sets rule is placed at the highest group or subgroup of the multiple groups.

In this subclass, all exemplified compositions should be classified as separate C-Sets. In the absence of examples, at least one C-Set is given on the basis of sufficient disclosure in the document.

Replace: The existing Glossary of terms text with the following updated text.

Glossary of terms

In this place, the following terms or expressions are used with the meaning indicated:

aliphatic radical	an acyclic or a non-aromatic carbocyclic carbon skeleton which is considered to be terminated by every bond: to an element other than carbon; a carbon atom having a double bond to one atom other than carbon; or an aromatic carbocyclic ring or a heterocyclic ring
use of materials	the use of known or new polymers or products as adhesives

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as adhesives	
rubber	includes natural or conjugated diene rubbers or rubber in general (for a specific rubber, other than a natural rubber or a conjugated diene rubber, see the group provided for adhesives based on such macromolecular compounds)

C09J5/00

Insert: Three new bullet statements at the end of the Relationships text so that the updated text appears as follows.

Relationships with other classification places

- Glue sticks are classified in [C09J 9/005](#).
- Relationship between [C09J 5/00](#) and [C08J 5/12](#): Subgroups of [C08J 5/12](#) are generally substrate-oriented subgroups, whereas subgroups of [C09J 5/00](#) are generally process related subgroups.
- Processes in which the steps predominately modify the chemical nature of specifically defined substrates joined by an adhesive are generally classified in subgroups of [C09J 5/02](#).
- Processes and articles in which macromolecular material substrates are heat bonded without the application of a separate adhesive are classified in [C08J 5/121](#).
- Processes characterised by the chemical or physical nature of the adhesive, rather than the substrate(s), are generally classified in [C09J 5/00](#) and its subgroups.

References

Replace: The existing Informative references table with the following updated table.

Informative references

Attention is drawn to the following places, which may be of interest for search:

Processes for applying adhesives to surfaces	B05D 5/10
Removing scrap from containers, e.g. removing labels	B08B 9/083

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Welding with interposition of material for facilitating bonding	B23K 26/211
Applying adhesives or glue to surfaces of wood to be joined	B27G 11/00, B27G 11/02
Methods or apparatus for laminating multiple layers	B32B 37/00
Hand-held desk devices for applying adhesives by contact to surfaces	B43M 11/06
Labelling machines and processes	B65C
Bonding of preformed macromolecular material to the same or other solid material	C08J 5/12

Replace: The existing Special rules text with the following updated text.

Special rules of classification

Classification guidance:

Use of Indexing Codes:

C09J 2203/00 - C09J 2499/008 are indexing codes related to the use of materials in adhesive processes in general or adhesives in the form of films or foils used in conjunction with C09J 5/00 and C09J 7/00 groups.

C09J 2203/00 - C09J 2499/008 are used as single symbols and C09J 2400/00 may also be used in C-Sets (in the case of blends or copolymers). C-Sets rules are explained in C09J 2400/00.

Use of indexing codes as single symbols:

- The nature of the polymer in the adhesive is indicated by the orthogonal indexing code [C09J 2400/22](#) or by an orthogonal indexing code taken only in the head groups of the range [C09J 2401/00](#) – [C09J 2499/008](#). For example, for a (meth) acrylic adhesive is classified with the orthogonal indexing code [C09J 2433/00](#).
- The nature of the polymer in the barrier layer is indicated by the orthogonal indexing code [C09J 2400/221](#) or the orthogonal indexing code corresponding to the barrier layer taken in the range [C09J 2401/00](#) – [C09J 2499/008](#). For

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example, a barrier layer composition comprising a polyvinyl alcohol is classified with the orthogonal indexing code [C09J 2429/00](#).

- The nature of the polymer in the primer coating is indicated by the orthogonal indexing code [C09J 2400/223](#) or by the orthogonal indexing code corresponding to the primer coating taken in the range [C09J 2400/00](#) – [C09J 2499/008](#). For example, for a primer coating comprising an epoxy resin is classified with the orthogonal indexing code [C09J 2463/003](#).
- The nature of the polymer in the release coating is indicated by the orthogonal indexing code [C09J 2400/225](#) or by the orthogonal indexing code corresponding to the release coating taken in the range [C09J 2400/00](#) – [C09J 2499/008](#). For example, for a release coating comprising an epoxy resin is classified with the orthogonal indexing code [C09J 2463/005](#).
- The nature of the substrate to be bonded is indicated by the appropriate orthogonal indexing code taken in the range [C09J 2400/00](#) – [C09J 2499/008](#). For example, a substrate made of a polyolefin is classified with the orthogonal indexing code [C09J 2423/006](#).
- The nature of the pre-treated substrate to be bonded, irrelevant to what the pre-treatment might be, e.g. plasma or corona, is indicated by the appropriate orthogonal indexing code taken in the range [C09J 2400/00](#) – [C09J 2499/008](#). For example, a pre-treated polyolefin substrate is classified with the orthogonal indexing code [C09J 2423/008](#).
- A process of debonding, is indicated by the orthogonal indexing code [C09J 2301/502](#).
- Applications, chemical or physical properties or process features are indicated by the corresponding orthogonal indexing codes in the range [C09J 2203/00](#) – [C09J 2203/37](#) and [C09J 2301/00](#) – [C09J 2301/416](#).

C09J7/00

Replace: The existing Definition statement with the following updated statement.

Definition statement

This place covers:

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Adhesive tapes, films or sheets characterised by having an outer adhesive layer to be applied to a substrate. The outer adhesive layer might be covered by a release liner or a release sheet (see illustrative example).

Adhesives in the form of films or foils without carriers.

Adhesives in the form of films or foils on carriers, e.g. plastics, paper, textile fabrics, laminated material.

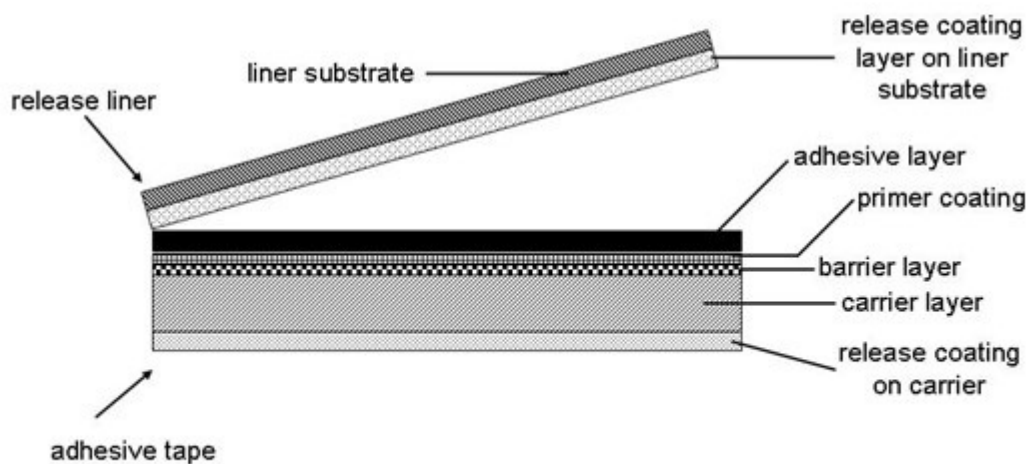
Carriers with adhesive in the form of films or foils.

Release liners of adhesives in the form of films or foils.

Release coatings on the carrier.

Primer between the carrier and the adhesive.

Illustrative example of subject matter classified in this place:



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The illustrative example shows a carrier mounted adhesive film with a barrier layer, a primer coating, a release coating on the carrier layer and a release liner.

Replace: The existing Relationships section with the following updated section.

Relationships with other classification places

Relationship between [C09J 7/00](#) and [H01L 21/00](#):

Subgroups of [C09J 7/00](#) are generally chemistry-oriented subgroups, whereas subgroups of [H01L 21/00](#) are generally process related subgroups.

Relationship between [C09J 7/00](#) and other groups of the subclass: Adhesives in the form of film or foils with or without a carrier layer and being specified by the macromolecular constituent are classified in [C09J 101/00](#) – [C09J 201/00](#).

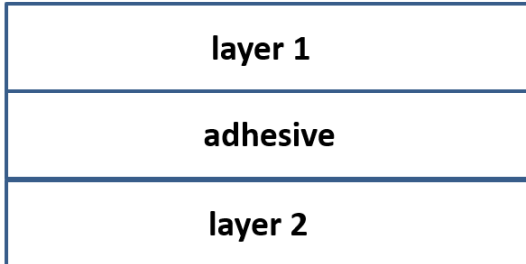
For example, if a document discloses an adhesive tape having a carrier and being characterised by an acrylic adhesive layer (covered by [C09J 7/385](#)), this document should also be classified in one of the subgroups of [C09J 133/00](#).

Relationship between [C09J 7/00](#) areas and [B32B](#) areas:

Layered structures in which the adhesive layer is between other layers that are not removable are classified in appropriate [B32B](#) areas. When the adhesive layer represents the outermost layer, which may be covered by only a removable release layer, it is classified as an adhesive tape in the appropriate subgroups of [C09J 7/00](#).

See Table 1 below as an example.

Table 1: Difference between a layered structure ([B32B](#)) and an adhesive tape ([C09J7/00](#))

Layered structure B32B : adhesive layer is between other layers that are not removable.	 <p>The diagram shows a vertical stack of three rectangular boxes. The top box is labeled 'layer 1', the middle box is labeled 'adhesive', and the bottom box is labeled 'layer 2'. All three boxes are enclosed within a single larger rectangular border.</p>
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<p>Adhesive tape C09J 7/00: adhesive layer represents the outermost layer (may be covered by only a removable release liner).</p>	<table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td style="text-align: center;">adhesive</td> </tr> <tr> <td style="text-align: center;">layer 1</td> </tr> <tr> <td style="text-align: center;">layer 2</td> </tr> </table>	adhesive	layer 1	layer 2
adhesive				
layer 1				
layer 2				

References

Delete: The symbol B32B 7/14 from the following reference so that the updated reference appears as follows.

Application-oriented references

Examples of places where the subject matter of this place is covered when specially adapted, used for a particular purpose, or incorporated in a larger system:

<p>Laminates comprising at least two layers which are bonded permanently by means of an adhesive layer</p>	<p>B32B 7/12</p>
--	----------------------------------

Replace: The existing Informative references table with the following updated table.

Informative references

Attention is drawn to the following places, which may be of interest for search:

<p>Adhesives in the form of films or foils without a carrier and being specified by the macromolecular constituent</p>	<p>C09J 101/00</p>
<p>Masking elements for spraying apparatus</p>	<p>B05B 12/20</p>
<p>Attaching together paper or cardboard sheets, strips or webs by adhesive tape</p>	<p>B31F 5/06</p>
<p>Machines or apparatus for gluing labels or articles to be labelled</p>	<p>B65C 9/20</p>

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Attaching a replacement web to an expiring web in a machine, e.g. flying splice	B65H 19/1805
Microstructured surfaces having tips, pillars, i.e. raised structures	B81C 1/00111
Coated paper	D21H 19/00
Release paper	D21H 27/001
Signs, plates, panels or boards with readily detachable symbols attached with adhesive	G09F 7/12

Replace: The existing Special rules section with the following updated section.

Special rules of classification

Use of Indexing Codes:

C09J 2203/00 and C09J 2400/00 are indexing schemes that are related to the use of materials in adhesive processes in general or adhesives in the form of films or foils and are used as single symbols or in C-Sets (in the case of blends or copolymers) in conjunction with groups C09J 5/00 and C09J 7/00.

C-Sets rules are explained in C09J 2400/00.

Use of indexing codes as single symbols:

- The nature of the polymer in the adhesive is indicated by the orthogonal indexing code [C09J 2400/22](#) or by an orthogonal indexing code taken only in the head groups of the range [C09J 2401/00](#) – [C 09J 2499/008](#). For example, a (meth) acrylic adhesive is classified with the orthogonal indexing code [C09J 2433/00](#).
- The nature of the polymer in the barrier layer is indicated by the orthogonal indexing code [C09J 2400/221](#) or the orthogonal indexing code corresponding to the barrier layer taken in the range [C09J 2401/00](#) – [C 09J 2499/008](#). For example, a barrier layer composition comprising a polyvinyl alcohol is classified with the orthogonal indexing code [C09J 2429/00](#).
- The nature of the polymer in the primer coating is indicated by the orthogonal indexing code [C09J 2400/223](#) or by the orthogonal indexing code corresponding to the primer coating taken in the range [C09J 2400/00](#) – [C09J](#)

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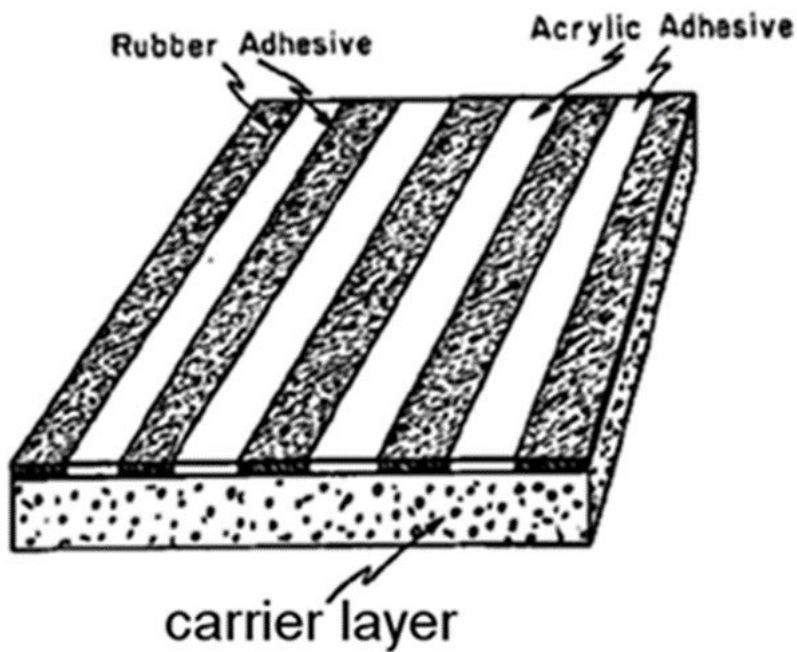
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- [2499/008](#). For example, a primer coating comprising an epoxy resin is classified with the orthogonal indexing code [C09J 2463/003](#).
- The nature of the polymer in the release coating is indicated by the orthogonal indexing code [C09J 2400/225](#) or by the orthogonal indexing code corresponding to the release coating taken in the range [C09J 2400/00](#) – [C09J 2499/008](#). For example, a release coating comprising an epoxy resin is classified with the orthogonal indexing code [C09J 2463/005](#).
 - The nature of the substrate to be bonded is indicated by the appropriate orthogonal indexing code taken in the range [C09J 2400/00](#) – [C09J 2499/008](#). For example, a substrate made of a polyolefin is classified with the orthogonal indexing code [C09J 2423/006](#).
 - The nature of the pre-treated substrate to be bonded, irrelevant to what the pre-treatment might be, e.g. plasma or corona, is indicated by the appropriate orthogonal indexing code taken in the range [C09J 2400/00](#) – [C09J 2499/008](#). For example, a pre-treated polyolefin substrate is classified with the orthogonal indexing code [C09J 2423/008](#).
 - A process of debonding is indicated by the orthogonal indexing code [C09J 2301/502](#).
 - Applications, chemical or physical properties or process features are indicated by the corresponding orthogonal indexing codes in the range [C09J 2203/00](#) – [C09J 2203/37](#) and [C09J 2301/00](#) – [C09J 2301/416](#).
 - For example, the use of an adhesive tape for bundling cables should be indicated by the orthogonal indexing code [C09J 2203/302](#). The presence of an adhesive layer being formed by alternating adhesive areas being chemically different is indicated by the orthogonal indexing code [C09J 2301/21](#).

Illustrative example of subject matter classified in this place:

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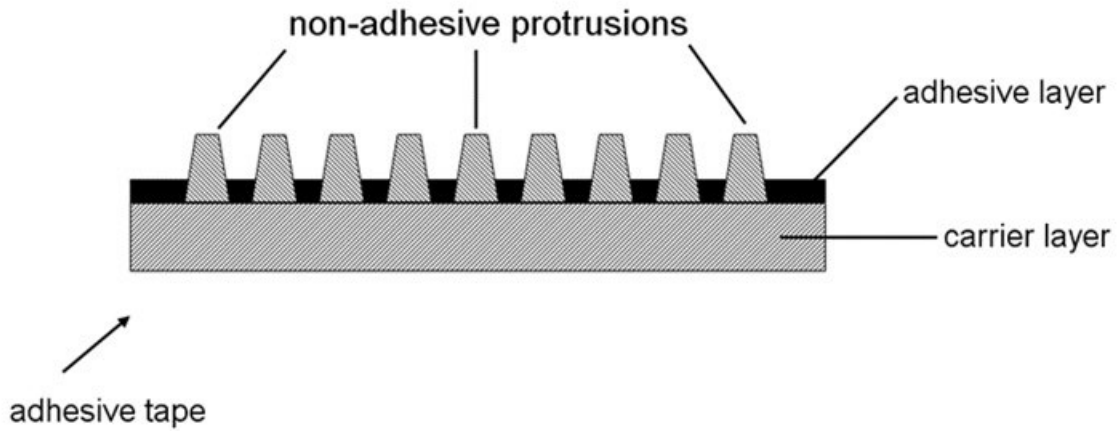
- In contrast, the presence of different adhesive layers opposing each other is indicated by the orthogonal indexing code [C09J 2301/1242](#).

Illustrative example of subject matter classified in this place:



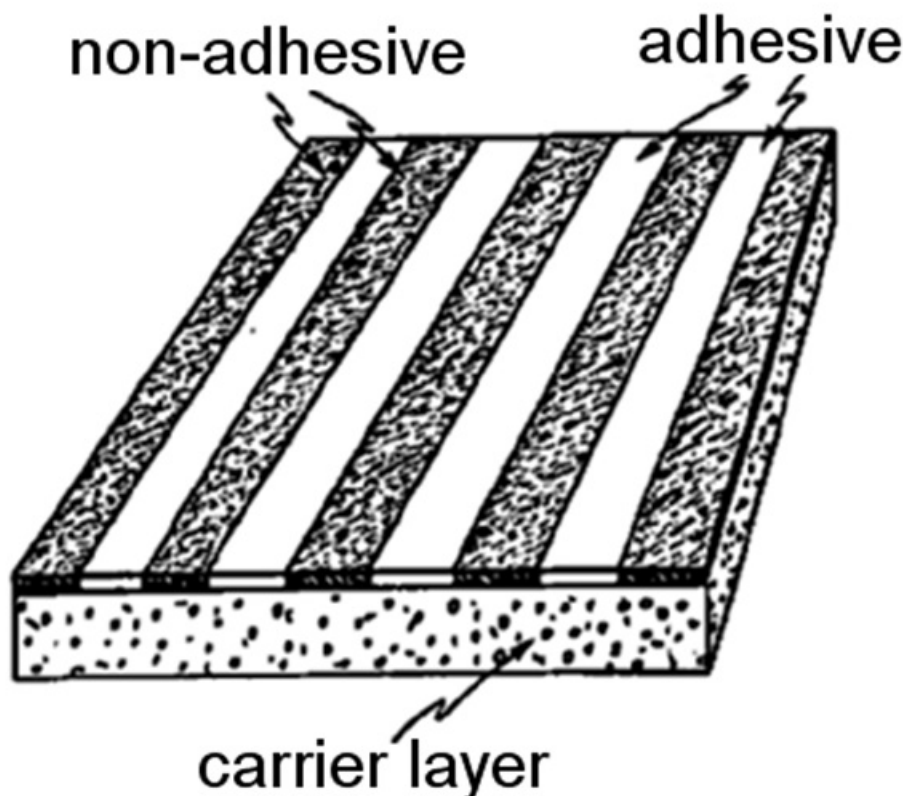
- In case the adhesive layer is interrupted by non-adhesive protrusions extending from the surface of the carrier layer, the orthogonal indexing code [C09J 2301/206](#) is given.

Illustrative example of subject matter classified in this place:



- In case the adhesive coating is discontinuous, the orthogonal indexing code [C09J 2301/204](#) is given.

Illustrative example of subject matter classified in this place:



- The presence of an additive in the adhesive or substrate layer is indicated by the corresponding orthogonal indexing codes in the range [C09J 2301/408](#) – [C09J 2301/41](#).
- The nature of the non-macromolecular additive is subsequently indicated by a symbol from [C08K 3/00](#) – [C08K 13/08](#), as additional information. For example, the adhesive layer of an adhesive tape comprising an inorganic flame proofing agent is classified in [C09J 2301/408](#), which is the indexing code that indicates the presence of an additive in the adhesive layer, as well as in [C08K 3/016](#) (ADD), as the inorganic flame proofing agent is considered an essential feature of the adhesive layer.

Further details of subgroups

- [C09J 7/40](#):

The subgroups of [C09J 7/40](#) cover release liners used to cover the adhesive surface of an adhesive tape as illustrated in the definition statement. Release coating layers

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being part of the adhesive tape (cf. the illustrative example in the definition statement) itself are classified in [C09J 7/203](#), [C09J 7/22](#) and [C09J 7/203](#), [C09J 7/21](#).

- [C09J 7/201](#):

This subgroup is given where the release coating composition is applied to the carrier layer (cf. illustrative example in the definition statement).

- [C09J 7/28](#):

Classification in this subgroup concerns carrier constituted by a metal sheet only.

- [C09J 7/29](#):

Classification in this subgroup concerns adhesive tapes having a carrier constituted by a laminate. The presence of a foam, metal, paper, textile or other material layer in the laminate is indicated by the corresponding orthogonal indexing code of [C09J 2400/123](#) – [C09J 2499/006](#). The presence of only resin layers in the laminate is indicated by the orthogonal indexing code [C09J 2301/162](#).

In general, the nature of the resin in the laminate support layer is indicated by the corresponding orthogonal indexing codes of [C09J 2401/00](#) – [C09J 2499/006](#). For example, for a laminate carrier comprising a layer made of a polyolefin, the Indexing Code [C09J 2423/006](#) should be given.

Metallised films or foils are classified in [C09J 7/22](#) or [C09J 7/29](#) depending on the relationship between the metal layer and the adhesive. See Table 2 below.

Table 2: Difference between a metallised film or foil ([C09J 7/22](#)) and a laminate carrier layer having one metal layer ([C09J 7/29](#))

<p>Carrier layer is constituted by metallised plastic sheet C09J 7/22 bearing a thin metal layer.</p>	<table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td style="text-align: center;">adhesive layer</td> </tr> <tr> <td style="text-align: center;">thin metal layer</td> </tr> <tr> <td style="text-align: center;">plastic layer</td> </tr> </table>	adhesive layer	thin metal layer	plastic layer
adhesive layer				
thin metal layer				
plastic layer				

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<p>Carrier layer is constituted by a laminated material C09J 7/29 wherein eventually one layer is a metal layer C09J 2400/163.</p>	<table border="1"> <tr> <td data-bbox="792 283 1380 394" style="text-align: center;">adhesive</td> </tr> <tr> <td data-bbox="792 394 1380 485" style="text-align: center;">layer 1</td> </tr> <tr> <td data-bbox="792 485 1380 575" style="text-align: center;">metal layer</td> </tr> <tr> <td data-bbox="792 575 1380 690" style="text-align: center;">layer 2</td> </tr> </table>	adhesive	layer 1	metal layer	layer 2
adhesive					
layer 1					
metal layer					
layer 2					

Adhesive tape with a laminate carrier that has a textile fabric or paper layer is NOT classified in the subgroups of [C09J 7/21](#).

The presence of a barrier layer, a release coating layer, or a primer layer does not constitute a laminate carrier layer. These layers are considered forming part of the carrier layer (cf. the illustrative example in the definition statement). In contrast, a carrier layer being coated with an ink receptive layer is considered as a laminate support layer.

- [C09J 7/21](#):

Subgroups of [C09J 7/21](#) are given to adhesive tapes having a carrier made of paper or textile fabrics. In order to indicate whether a paper or a textile fabrics carrier layer is present, the corresponding orthogonal indexing code of [C09J 2400/283](#) and [C09J 2400/263](#), respectively, is given.

Laminate carrier layers comprising a layer made of paper or textile fabrics are NOT classified in the subgroups of [C09J 7/21](#), instead laminated carriers are classified in the subgroup of [C09J 7/29](#).

- [C09J 7/21](#), [C09J 7/201](#):

This subgroup is given where the release adhesive composition is applied to the paper or textile fabrics carrier layer. (cf. the illustrative example in the definition statement).

Replace: The existing Glossary of terms table with the following updated table.

Glossary of terms

In this place, the following terms or expressions are used with the meaning indicated:

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adhesive film	a free-standing film or sheet of adhesive (adhesive without carrier) or coating of adhesive on a film or sheet rather than a larger substrate. For example, the adhesive as a film on a tape rather than a generic substrate disclosed as generally a non-tape or sheet entity.
metal foil	a free-standing thin metal substrate as the only adhesive carrying component on which the adhesive is applied.
pressure-sensitive adhesive	pressure-sensitive adhesive (PSA, self-adhesive, self-stick adhesive) is adhesive which forms a bond when pressure is applied to adhere the adhesive with the adherend. No solvent, water or heat is needed to activate the adhesive.
metallised plastic	metallised plastics are plastics coated with a thin layer of metal, usually aluminium. Metallisation is generally performed using physical vapour deposition, plating or thermal/cold spraying processes. This coating is much thinner than a metal foil could be made, in the range of 0.5 micrometres.
heat-activated adhesives	heat-activated adhesives are designed to bond parts or components through the use of heat (over 30°C).