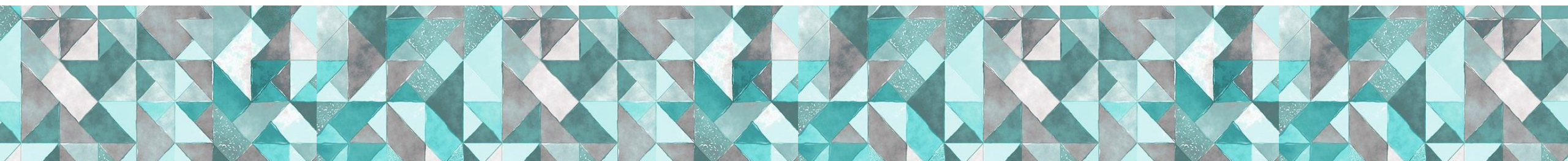


SUPPLIER REJECTION GUIDE

INTRINSIC CONSULTANCY AND TECHNOLOGY SOLUTIONS INC.



COMMON REJECTIONS FOR MDS SUBMISSIONS TO VOLVO GROUP:

1. MATERIAL CLASSIFICATION

2. PART DESCRIPTION

3. APPLICATION CODES

4. SUBSTANCE PORTION
RANGE

5. PART STRUCTURE

6. RECIPIENT-SPECIFIC INFO

7. MATERIAL BREAKDOWN

8. MATERIAL NAME

9. PRESENCE OF SVHC

10. PRELIMINARY DATASHEET

ADDITIONAL INFORMATION: UPDATING BPR (BIOCIDAL PRODUCT REGULATION)

1. MATERIAL CLASSIFICATION

1.1 Plastics

1.2 Metals

RULE 4.4.2.G

For all materials a correct classification must be assigned independent of the material weight in the part.

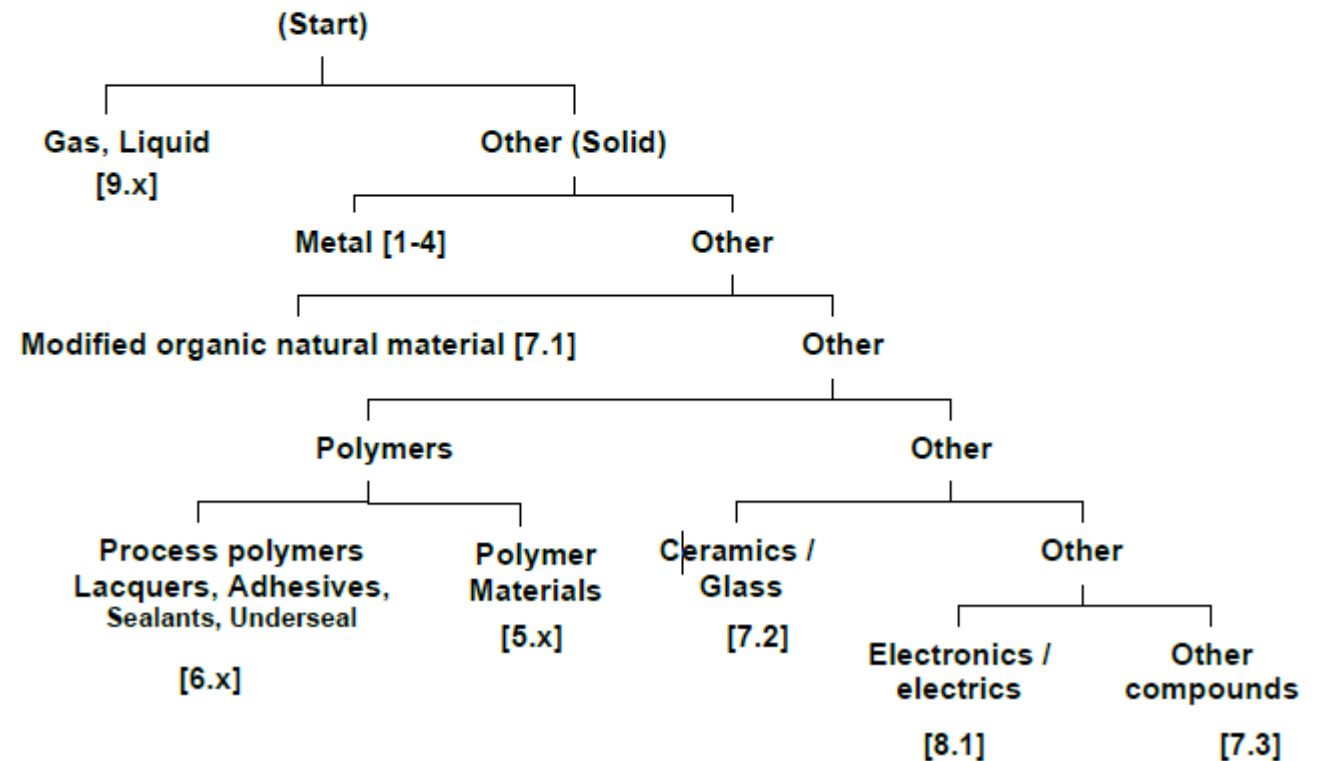
The flow chart on the right is a guide from the IMDS Recommendation 001a on how to classify materials accordingly.

Annex I to the IMDS001 Recommendation

IMDS 001a

1.2 Flow chart for selecting classification

For reducing variation in selecting VDA classification, the order of judgement is introduced below.



1. MATERIAL CLASSIFICATION

1.1 Plastics

This type of error can only be partially detected by the system through its checking functionality. Therefore, it is very important that “manual checking” must be done to avoid this type of rejection.

The screenshot displays a software interface with a 'Filter' bar set to 'GADSL' and a 'show regulatory information' checkbox checked. A 'REJECTION TEXT' box contains the following text: 'Material PA 6 (affected component: Support washer (PN XXXX)) - You have classified this material under 5.1.a (Filled Thermoplastic) but material contains no filler. If this material is really a filled thermoplastic, filler must be disclosed, otherwise, use classification 5.1.b (Unfilled Thermoplastic) instead.' Below this, a tree view shows '1x Support washer' expanded to '6.1g PA 6', which is further broken down into '99.0 - 100.0% Polyamid6' and 'Rest 0.5% Misc., not to declare'. On the right, a detailed view of the material shows fields for 'Type', 'Name', 'Trade name', 'Internal Mat.-No.', 'Preliminary MDS', 'Dates', 'Amounts and Weights', and 'Material Information'. The 'Classification' field is highlighted with a red box and contains the value '5.1.a filled Thermoplastics'.

To identify, correct and avoid this type of rejection:

1. Check the basic substance breakdown of the material being called out. In some cases, the IMDS check will issue a warning on some materials with suspicious classification but not for all. Therefore, to ensure compliance, the owner has to manually check this field.
2. Use the **IMDS Recommendation Annex 001a** document for guidance in checking if the classification used is appropriate against the basic substance breakdown of the material.
3. Correct the “**Classification**” of the affected material as necessary. If the material datasheet used came from your supplier, ask your supplier to make the necessary changes to the material data sheet and use the revised version to resubmit.

1. MATERIAL CLASSIFICATION

1.2 Metals

This type of error can only be partially detected by the system through its checking functionality. Therefore, it is very important that “manual checking” must be done to avoid this type of rejection.

The screenshot shows the 'Regulation Wizard' software interface. The main window displays a tree view of materials under the filter 'GADSL'. A red box highlights the material '21.24kg GJL 250' with a sub-entry '93.5 - 100.0% Iron'. A 'REJECTION TEXT' box points to this material, stating: 'Material GJL 250 (affected component: Manifold (PN YYYY)) - You have reported material under category 1.2.1 Cast iron with lamellar graphite / tempered cast iron. Basically, cast iron is an iron alloy with more than 2 % carbon but material does not contain any Carbon content. Please investigate the composition of this material.' The 'Details' panel on the right shows the material's properties: Type: Material (MDS), Name: GJL 250, Trade name: -, Internal Mat.-No.: -, Preliminary MDS: -. The 'Dates' section shows Create Date: 4/13/2021 and Check/Release Date: 4/13/2021. The 'Amounts and Weights' section shows Weight: 21.24 kg. The 'Material Information' section shows Std. Mat.-No.: GJL 250, Symbol: -, and Classification: 1.2.1 Cast iron with lamellar graphite / tempered cast iron (highlighted with a red box). The SCTP Material Category is also visible.

To identify, correct and avoid this type of rejection:

1. Check the basic substance breakdown of the material being called out. In some cases, the IMDS check will issue a warning on some materials with suspicious classification but not for all. Therefore, to ensure compliance, the owner has to manually check this field.
2. Use the **IMDS Recommendation Annex 001a** document for guidance in checking if the classification used is appropriate against the basic substance breakdown of the material.
3. Correct the “**Classification**” of the affected material as necessary. If the material datasheet used came from your supplier, ask your supplier to make the necessary changes to the material data sheet and use the revised version to resubmit.

2. PART DESCRIPTION

RULE 4.2.1.C

The top node component name must be descriptive and be in line with applicable customer specifications. If the component is a top node and will be sent to a customer, the recipient information controls the name the customer will see.

REJECTION TEXT:
1.) Component **TA1DT-10-ELEML 12-ELEML 12 90°-2630 (PN ZZZZ)** - Please indicate the proper description name. The part description used for MDS must describe the part correctly and be in line with applicable customer specifications (IMDS Rec. 001, Rule 4.2.1.C). The correct part description according to the Volvo Group PD system Kola shown in Substrack is **HOSE**. Kindly verify this information and inform us by email.

This type of rejection cannot be automatically detected by the IMDS System.

Description TA1DT-10-ELEML 12-ELEML 12 90°-2630
Part/Item No.
Preliminary MDS
Multi Sourced No

Dates
Create Date 11/26/2021 ?
Release Date not available ?

To identify, correct and avoid this type of rejection:

1. To identify this error, **manually double-check** the “**Part name/description**” using the **Part Drawing** (for single components) and **Bill of Materials** (for assemblies) as basis.
2. **Create a new version of the datasheet and edit the Part Description** according to what is in the Part Drawing or the Bill of Materials.

Important Note: This type of error is not detectable by the system through its checking functionality. Therefore, it is very important that “**manual checking**” must be done to avoid this type of rejection

3. APPLICATION CODES

RULE 4.4.5.A

If a substance in a material MDS is application-relevant, the correct application code must be assigned when the material MDS is referenced in a component MDS.

RULE 4.4.5.B

The application code must reflect the real use of the material within the component.

This type of error can be automatically detected in IMDS if the application code used is already cancelled.

REJECTION TEXT:

Material solder paste RoHS compliant (affected component: Diode SMD (PN 1234))- The **application code is wrong and/or cancelled**, please resend the MDS with the right codes.

The screenshot displays the material composition for a Diode SMD component. The composition is as follows:

- Rest 18.7% solder paste RoHS compliant (Warning icon)
- 92.5% Lead
- 5.0% Tin
- Rest 2.5% Silver

The application information section shows the following details:

- Component: Diode SMD
- Application: Basic Substance
- Table of applications:

Application	Basic Substance	% (MIN)	% (MAX)	Application [ID]
Lead		92.50000...	92.50000...	Solder in electronic circuit boards and other electric applications [13] (Warning icon)

Remark: RoHS/WEEE/ELV: exemption

Regulatory Information

Check results - 0 Error(s) / 13 Warning(s)

No.	Type	Tab	Node / Recipient	Message
9	Warning icon	Ingredients	solder paste RoHS compliant	Only valid applications can be used for basic substances!

3. APPLICATION CODES

RULE 4.4.5.A

If a substance in a material MDS is application-relevant, the correct application code must be assigned when the material MDS is referenced in a component MDS.

RULE 4.4.5.B

The application code must reflect the real use of the material within the component.

2x STUD M5 M780

2.7g Property Class 14H (Steel for set screws and similar threaded fasteners)

- 0.0 - 0.5% Carbon
- Rest 99.35% Iron
- 0.0 - 0.11% Phosphorus
- 0.0 - 0.34% Sulphur
- 0.0 - 0.35% Lead

Content of post-industrial/pre-consumer recyclate (see ISO 14021)
Post-Industrial Recyclate that has been diverted from the waste stream during a manufacturing process. Excluded is reutilization of materials, such as rework, regrind or scrap generated in a process and capable of being reclaimed within the same process that generated it (home scrap recycling)
- %

Content of post consumer recyclate (see ISO 14021)
Post-Consumer Recyclate has been generated by households or by commercial, industrial and institutional facilities in their role as end-users of the product which can no longer be used for its intended purpose. This includes returns of material from the distribution chain
- %

Application	Basic Substance	% (MIN)	% (MAX)	Application [ID]
Lead		0	0.35	Valve seats [15]

Application Component: STUD M5 M780

Remark: Carbon Steel, Case Hardening Steel, Free Cutting Steel, Free Steel

REJECTION TEXT:

1.) Material Property Class 14H (Steel for set screws and similar threaded fasteners with specific hardness class (affected component: STUD M5 M780 (PN XXXX))- The part contains Lead which in this application is restricted according to Volvo STD 100-0005. Volvo requests you to contact your responsible buyer to initiate the phase out plan for this content.

This type of rejection cannot be automatically detected by the IMDS System.

3. APPLICATION CODES

RULE 4.4.5.A

If a substance in a material MDS is application-relevant, the correct application code must be assigned when the material MDS is referenced in a component MDS.

RULE 4.4.5.B

The application code must reflect the real use of the material within the component.

To identify, correct and avoid this type of rejection:

1. During checking, the Application Code will be used as the basis to determine if the “**Use / Presence**” of the said Prohibited substance is currently “**Exempted or Not**”. For some basic substances (e.g. 4 Heavy Metals (Lead, Cadmium Hex Chrome, Mercury)), an Application Code must be selected when the material containing one of these substances is first attached to a component type parent node. The substances requiring an application code are generally substances whose use in automotive products is limited to certain applications.
2. To correct this rejection, when choosing the appropriate application code, ensure that it must correspond with the type of “**Part**” and “**Classification**” of the material where the basic substance is present.
3. If you created the datasheet, investigate the material and consult the buyer for the appropriate application code. If the material was sent to you by a supplier ask them to investigate and change if necessary.

Important Note: There are some cases wherein this type of error is not detectable by the system through its checking functionality. Therefore, it is very important that “**manual checking**” must be done to avoid this type of rejection.

4. BASIC SUBSTANCE PORTION RANGE

RULE 4.5.4.B

If the portion type “range” is selected, the following maximum portion ranges apply:

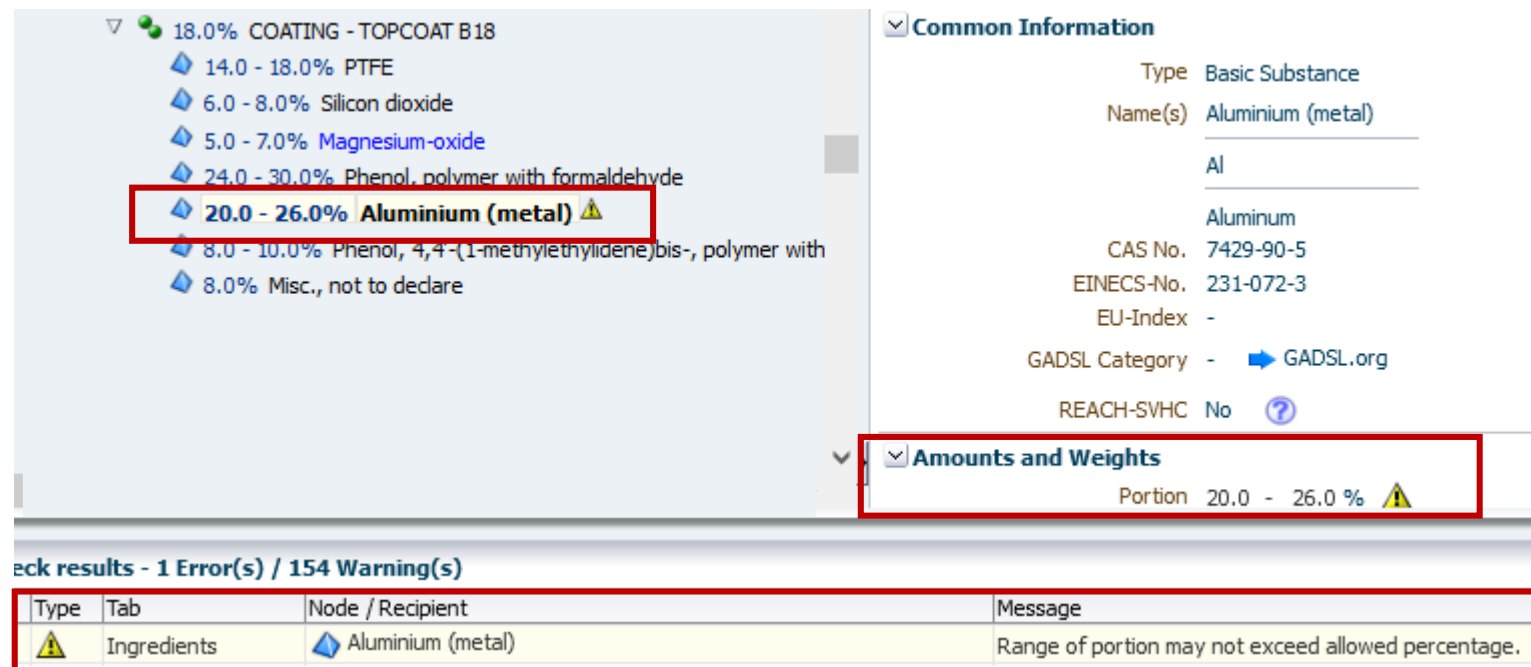
Portion: from X % to Y %	Maximum M = Y % – X %
$0 \leq X \leq 7.5$	$M \leq 3$
$7.5 < X \leq 20$	$M \leq 5$
$20 < X \leq 100$	$M \leq 10$

If ranges are used (example: 2 % – 8 %), the smaller number defines the row and M value in the table to be used. Consequently, the range 2 % – 8 % is not allowed because for the lower limit 2 %, the maximum Y value is 5 (2 + 3 = 5).

This type of error can be automatically detected in IMDS when the “execute check” is done.

REJECTION TEXT:

Basic Substance Aluminum (attached under Material COATING – TOPCOAT (affected component: XXXX(PN YYYY))) - The reported substance content is not within the allowed range. The range 20% - 26% is not allowed because for the lower limit 20%, the maximum limit should be 25% (20 + 5 = 25) and not 26%. The maximum range value should be ≤ 5. Please refer to IMDS Recommendation 001 for guidance (Rule 4.5.4.B). I suggest that you report the portion to a fixed percentage (e.g. P%).



18.0% COATING - TOPCOAT B18

- 14.0 - 18.0% PTFE
- 6.0 - 8.0% Silicon dioxide
- 5.0 - 7.0% Magnesium-oxide
- 24.0 - 30.0% Phenol, polymer with formaldehyde
- 20.0 - 26.0% Aluminium (metal) ⚠**
- 6.0 - 10.0% Phenol, 4,4-(1-methylethylidene)bis-, polymer with
- 8.0% Misc., not to declare

Common Information

Type Basic Substance
 Name(s) Aluminium (metal)
 Al
 Aluminum
 CAS No. 7429-90-5
 EINECS-No. 231-072-3
 EU-Index -
 GADSL Category - [GADSL.org](#)
 REACH-SVHC No [?](#)

Amounts and Weights
 Portion 20.0 - 26.0 % ⚠

check results - 1 Error(s) / 154 Warning(s)

Type	Tab	Node / Recipient	Message
⚠	Ingredients	Aluminium (metal)	Range of portion may not exceed allowed percentage.

4. BASIC SUBSTANCE PORTION RANGE

RULE 4.5.4.B

If the portion type “range” is selected, the following maximum portion ranges apply:

Portion: from X % to Y %	Maximum M = Y % – X %
$0 \leq X \leq 7.5$	$M \leq 3$
$7.5 < X \leq 20$	$M \leq 5$
$20 < X \leq 100$	$M \leq 10$

If ranges are used (example: 2 % – 8 %), the smaller number defines the row and M value in the table to be used. Consequently, the range 2 % – 8 % is not allowed because for the lower limit 2 %, the maximum Y value is 5 (2 + 3 = 5).

To identify, correct and avoid this type of rejection:

1. To identify this error, click the “**Execute Check**” functionality in IMDS.
2. A “**warning message**” about the presence of substances with incorrect portion range in the material will appear in the “**Check results**” window. Double-click on the warning message to get to the affected basic substance.
3. Correct the reported portion range by referring to the **IMDS Recommendation 001**.

5. PART STRUCTURE

RULE 4.1.A

Child nodes of the same parent node must be of the same type (ex. a component parent node may consist of all component child nodes or all material child nodes, but not a mixture of component and material child nodes).

The screenshot shows the MDS software interface with the 'Ingredients' tab selected. A tree view on the left shows a component node 'SIDE PANEL,ASSY TRIM-RB Rhs' with a warning icon. Below it are three child nodes: '1692.0g Faservlies, standard, cured', '68.0g Adhesive PUR', and '3x Clip, top headlining'. A red box highlights this entire tree structure. A red arrow points from the 'execute check' icon in the top toolbar to a green callout box. The callout box contains the text: 'This type of error can be automatically detected in IMDS when the "execute check" is done.' Below the tree view, a white callout box contains the rejection text: 'REJECTION TEXT: Component SIDE PANEL,ASSY TRIM-RB Rhs (PN XXXX) - Incorrect structure. Component has a mixture of structure types: Component and Material on the same level is not allowed (IMDS Rec. 001, Rule 4.1.A).' At the bottom, a 'Check results' table shows one warning.

REJECTION TEXT:
Component SIDE PANEL,ASSY TRIM-RB Rhs (PN XXXX) - Incorrect structure. Component has a mixture of structure types: Component and Material on the same level is not allowed (IMDS Rec. 001, Rule 4.1.A).

This type of error can be automatically detected in IMDS when the "execute check" is done.

No.	Type	Tab	Node / Recipient	Message
1	Warning	Ingredients	SIDE PANEL,ASSY TRIM-RB Rhs	Different types of nodes (components, semi-components, materials) are used at the same level.

5. PART STRUCTURE

RULE 4.1.A

Child nodes of the same parent node must be of the same type (ex. a component parent node may consist of all component child nodes or all material child nodes, but not a mixture of component and material child nodes).

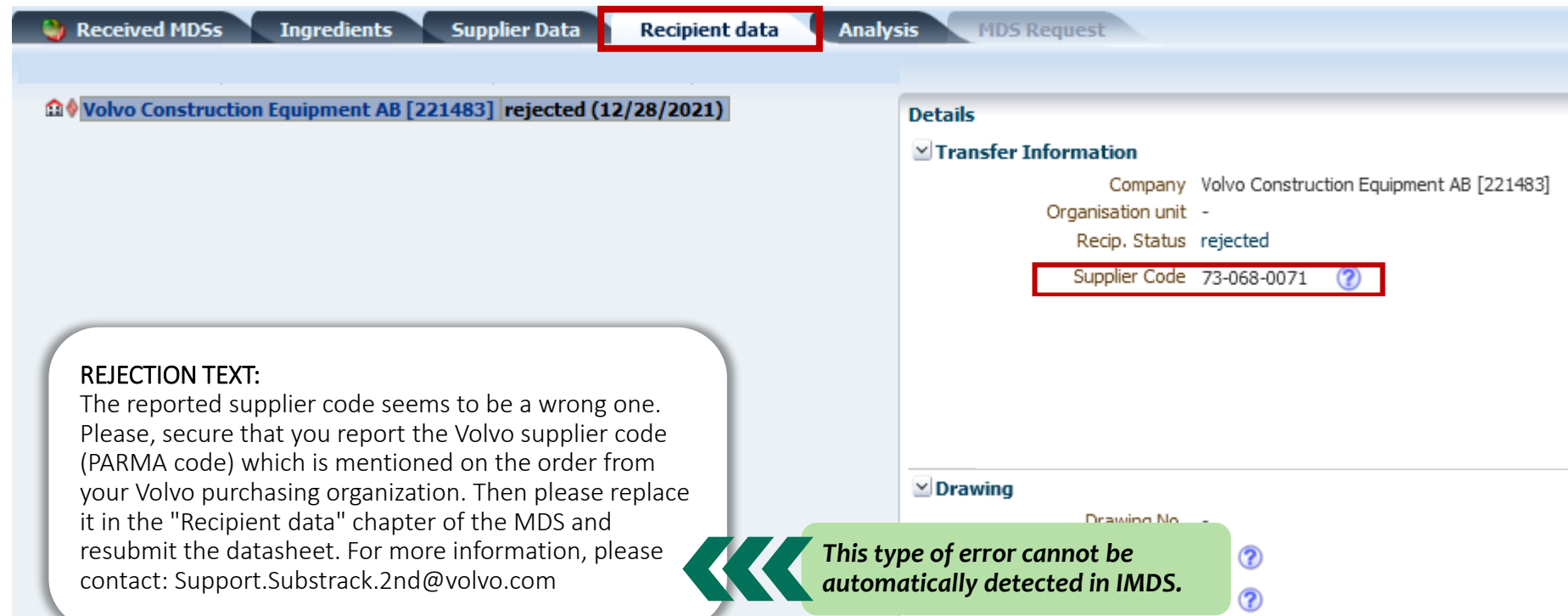
To identify, correct and avoid this type of rejection:

1. To identify this error, click the “**Execute Check**” functionality in IMDS.
2. A “**warning message**” about the mixture of different types of nodes will appear in the “Check results” window. Double-click on the warning message to get to the affected component.
3. Correct the error on the Part Structure. This may require restructuring the datasheet, making sure that the same type of child nodes are attached at the affected parent node. Refer to the **IMDS Recommendation 001** document for guidance in the proper creation of datasheet structures. Perform the “**Execute Check**” functionality in IMDS. The “**warning message**” should disappear after making the correction.

6. RECIPIENT-SPECIFIC INFORMATION

VOLVO GROUP AND VCE SPECIFIC GUIDELINE

There may be additional customer-specific requirements that cannot be harmonized, example: requirements concerning the recipient-specific information. For Volvo Group and VCE, a correct PARMA ID must be assigned in the Supplier code field in the **Recipient Data** tab.



Received MDSs | Ingredients | Supplier Data | **Recipient data** | Analysis | MDS Request

Volvo Construction Equipment AB [221483] rejected (12/28/2021)

Details

Transfer Information

Company Volvo Construction Equipment AB [221483]
Organisation unit -
Recip. Status rejected
Supplier Code 73-068-0071

Drawing

Drawing No. -

REJECTION TEXT:
The reported supplier code seems to be a wrong one. Please, secure that you report the Volvo supplier code (PARMA code) which is mentioned on the order from your Volvo purchasing organization. Then please replace it in the "Recipient data" chapter of the MDS and resubmit the datasheet. For more information, please contact: Support.Substrack.2nd@volvo.com

This type of error cannot be automatically detected in IMDS.

6. RECIPIENT-SPECIFIC INFORMATION

VOLVO GROUP AND VCE SPECIFIC GUIDELINE

There may be additional customer-specific requirements that cannot be harmonized, example: requirements concerning the recipient-specific information. For Volvo Group and VCE, a correct **PARMA ID** must be assigned in the Supplier code field and the Volvo Part Number must be entered in the Part number field in the **Recipient Data** tab.

To identify, correct and avoid this type of rejection:

1. Go to the Recipient Data Tab.
2. Edit the Supplier Code information by typing in your assigned Parma ID in the “Supplier code” field and the Volvo Part Number in the “Part Number field. **You can contact Volvo Purchasing if you do not have these information.**

7. MATERIAL BREAKDOWN

7.1 Mixed Materials

RULE 4.4.2.G

Every homogeneous material has to be described as a separate material. For information about the definition of “homogeneous”, refer to IMDS 001 Annex I, section 1.1. If a material parent node has material child nodes, the material represented by the parent node must be homogeneous. Two or more materials forming layers cannot be regarded as homogeneous. **Example: Zinc coating on steel or paint layers cannot be reported as a material with sub-materials, as the top material is not homogeneous.**

4x Kantenschutz-Dichtprofil

Check/Release Date 3/25/2015 ? Recommendation

Amounts and Weights

Portion 19.7 %

Material Information

Std. Mat.-No. -

Symbol -

Classification 1.1.1 unalloyed, low alloyed

SCIP Material Category -

Additional Material Characteristics -

Norms / Standards -

This type of error can only be partially detected by the system through its checking functionality. Therefore, it is very important that “manual checking” must be done to avoid this type of rejection.



REJECTION TEXT:

1.) Material Wire Care 27-2 (affected components: Kantenschutz-Dichtpr. (PN 12345)) - You have reported a **mixed material**. Mixture of different substances in one material datasheet is not allowed. Every homogeneous material has to be described as a separate material. [IMDS Rec. 001, Rule 4.4.1.D]. For information about the definition of homogeneous, refer to IMDS Rec. 001 Annex I, section 1.1. Please investigate the presence of **4-5% Cotton-fibre in material reported as steel** and classify this accordingly as well.

update (see ISO

7. MATERIAL BREAKDOWN

7.1 Mixed Materials

RULE 4.4.2.G

Every homogeneous material has to be described as a separate material. For information about the definition of “homogeneous”, refer to IMDS 001 Annex I, section 1.1. If a material parent node has material child nodes, the material represented by the parent node must be homogeneous. Two or more materials forming layers cannot be regarded as homogeneous. **Example: Zinc coating on steel or paint layers cannot be reported as a material with sub-materials, as the top material is not homogeneous.**

To identify, correct and avoid this type of rejection:

- 1. Check the basic substance breakdown** of the material being called out. In some cases, the IMDS check will issue a warning on some materials with incorrect material breakdown(i.e. wildcards/jokers exceeding 10%). Therefore, to ensure compliance, the owner has to manually check this field.
- 2. Use the IMDS Recommendation 001a document for guidance** in checking if the material breakdown is reported properly .
- 3. Correct the datasheet** of the affected material as necessary. If the material datasheet used came from your supplier, ask your supplier to make the necessary changes to the material data sheet and use the revised version to resubmit.

Important Note: Material Breakdown errors can only be partially detected by the system through its checking functionality. Therefore, it is very important that **“manual checking”** must be done to avoid this type of rejection.

7. MATERIAL BREAKDOWN

7.2 Confidential Substances

RULE 4.5.2.B

If a GADSL update changes the status of substances that are marked as confidential in a material MDS, the respective material MDS must be updated accordingly so that the substance is no longer marked confidential. MDSs containing this material MDS also must be up-dated along the supply chain.

This type of error can be automatically detected in IMDS when the “execute check” is done.

REJECTION TEXT:
Material Sealant Compound (affected component: Cover (PN XXXX)) - **Prohibited substances in a material must be disclosed and must not be marked as confidential.** If a GADSL (suppliers to Renault: BGO list) update changes the status of substances that are marked as confidential in a material MDS, the respective material MDS must be updated accordingly so that the substance is no longer marked confidential (IMDS Rec. 001, Rule 4.5.2.B).

No.	Type	Tab	Node / Recipient	Message
85		Ingredients	Confidential Substances	Duty-to-declare substance must not be marked as confidential.

7. MATERIAL BREAKDOWN

7.2 Confidential Substances

RULE 4.5.2.B

If a GADSL update changes the status of substances that are marked as confidential in a material MDS, the respective material MDS must be updated accordingly so that the substance is no longer marked confidential. MDSs containing this material MDS also must be up-dated along the supply chain (see section 3.2).

To identify, correct and avoid this type of rejection:

- 1. Check the basic substance breakdown** of the material being called out. In some cases, the IMDS check will issue a warning on some materials with incorrect material breakdown(i.e. wildcards/jokers exceeding 10%). Therefore, to ensure compliance, the owner has to manually check this field.
- 2. To fix this issue, mark the confidential substance as unclassified.**
- 3. Correct the datasheet of the affected material** as necessary. If the material datasheet used came from your supplier, ask your supplier to make the necessary changes to the material data sheet and use the revised version to resubmit.

Important Note: Material Breakdown errors can only be partially detected by the system through its checking functionality. Therefore, it is very important that **“manual checking”** must be done to avoid this type of rejection.

7. MATERIAL BREAKDOWN

7.3 Liquids and Gases, Reactive Substances and Ions

RULE 4.4.1.B

A material must be described in its end state. Only basic substances contained in the final material are to be reported (example: cured adhesives or paint coatings are entered **without the evaporating solvents**).

REJECTION TEXT:

Material Spraying glue FR AV (affected component: Glue (PN XXXX)) - You have reported a liquid or gaseous basic substances (e.g., 20-25% Cyclohexanone) contained in a material. A material must be described in its end state. Only basic substances contained in the final material are to be reported (IMDS Rec. 001, Rule 4.4.1.B).

This type of error can only be partially detected in IMDS. This error was not detected because the "Chemical Presence Type" was answered so this should be checked manually.

The screenshot displays the IMDS software interface for a material breakdown. The main window shows a tree view of components under '1x Glue' and '100.0g Spraying glue FR AV'. The components listed are: 5.0 - 6.0% Alkylphenolic resin, 5.0 - 6.0% Acetone, 20.0 - 25.0% Cyclohexane (highlighted with a red box), 20.0 - 25.0% Ethyl-acetate, 25.0 - 30.0% Naphtha (petroleum), hydrotreated light, 1.0 - 2.0% Magnesium-oxide, and 10.0 - 15.0% 2-Propenoic acid, 2-methyl-, polymer with 2-chloro-1,3-butadiene. On the right, the 'Amounts and Weights' section shows a portion of 20.0 - 25.0% and a weighted mean of 23.043478%. The 'Basic substance groups' section lists 'Liquids and Gases', 'Process Chemicals', 'REACH Annex XVII automotive', 'RNES B 00027 - Complete', and 'RNES B 00027 - Restricted'. The 'Chemical presence type' is set to 'Intended use' (highlighted with a red box). A green callout box with three arrows points to the 'Chemical presence type' field, containing the text: 'This type of error can only be partially detected in IMDS. This error was not detected because the "Chemical Presence Type" was answered so this should be checked manually.'

7. MATERIAL BREAKDOWN

7.3 Liquids and Gases, Reactive Substances and Ions

RULE 4.4.1.B

A material must be described in its end state. Only basic substances contained in the final material are to be reported (example: cured adhesives or paint coatings are entered **without the evaporating solvents**).

To identify, correct and avoid this type of rejection:

1. **Check the basic substance breakdown** of the material being called out. Investigate the presence of the substance(s) and whether or not the material is reported in its final form in the vehicle. In some cases, the IMDS check will issue a warning on some materials with the presence of liquids and gases, reactive substances or ions if contained to more than 1% in a material (excluding classification 9.x).
2. **Use the IMDS Recommendation 001a document** for guidance in checking if the material breakdown is reported properly .
3. **Correct the datasheet of the affected material** as necessary. If the material datasheet used came from your supplier, ask your supplier to make the necessary changes to the material data sheet and use the revised version to resubmit.

Important Note: Material Breakdown errors can only be partially detected by the system through its checking functionality. Therefore, it is very important that **“manual checking”** must be done to avoid this type of rejection.

8. MATERIAL NAME

RULE 4.4.2.A

The material name must be entered in English in the EN field. The added name translation in other languages is optional.

RULE 4.4.2.B

The material name must not be a trade name. Trade names can be entered in the field "Trade name" .

RULE 4.4.2.C

If the material is described in a public standard, or if the nomenclature for materials of a certain type is described in a public standard (example: ISO 1043-1 and 2 for plastics, ISO 1629 for Elastomers or ISO 18064 for thermoplastic Elastomers), then the material name according to this public standard must be entered.

RULE 4.4.2.D

If no name is available which is described in a public standard, then the name must be descriptive.

4x KAUCUK KOP

0.6g AS E109/60

- 37.5% Acrylic resin
- 5.0% Polyester material
- 57.5% Paper

Details

Common Information

Type Material (MDS)

Name AS E109/60

Trade name AS E109/60

Internal Mat.-No. AS E109/60

Preliminary MDS No

Dates

REJECTION TEXT:

Material AS E109/60 (affected component: KAUCUK KOP (PN YYYY))- **Material names should be descriptive** and should be closely related to the basic substance breakdown compliant with the public norms/standards you reported (MDS Rec. 001, Rule 4.4.2.C). Please indicate the **proper material name**.

This type of error cannot be automatically detected in IMDS and must be manually checked.

8. MATERIAL NAME

To identify, correct and avoid this type of rejection:

1. To identify this error, “**manually**” **double-check the Material Names** used in every part present in the datasheet. It must correspond to the Basic Substance Breakdown and Classification used in the material.

For Steels – EN 10027, JIS norms, example: STM-C 540

For Aluminum Alloys – EN 573, JIS norms, example: Al-Si12

For Copper Alloys – ISO norms, example: CuAl5

For Plastics – ISO 1043-1 and ISO 1043-2, example: PE-LD

For Elastomers – ISO 1629, example: ACM

For Thermoplastic Elastomers – ISO 18064, example: TPA-ES

2. If no name is available which is described in a public standard, then the name must be descriptive. Examples are:

Aluminum alloy

Adhesive layer

Basecoat, clear coat

Glass

Propellant, airbag

Lubricant

3. For a (non-standard) descriptive name, the material name should identify the category (**example: metal, polymer, mineral, propellant, organic, lubricant**).

4. To correct this rejection, if the material datasheet used came from your supplier, asked your supplier to make the necessary changes to the material name and used the revised version to resubmit.

Important Note: This type of error is not detectable by the system through its checking functionality. Therefore, it is very important that “**manual checking**” must be done to avoid this type of rejection

9. PRESENCE OF SVHC

VOLVO SPECIFIC REQUIREMENTS

IMDS helps both supplier and manufacturer to monitor and identify the presence of Substances of Very High Concern (SVHC) such as GADSL substances, REACH substances, ELV substances and many more.

Aside from legislations concerning REACH, ELV and etc., Volvo Group has published different Standards concerning restrictions with respect to the use of certain chemical substances.

Some of these Standards are:

- STD 100-0002 – Chemical Substances which must not be present in processes or products within the Volvo Group (VOLVO'S BLACK LIST)
- STD 100-0003 – Chemical Substances which should not be present in processes or products within the Volvo Group (VOLVO'S GREY LIST)
- STD 100-0005 – Chemical Substances which must not be present in Volvo Group products placed on the market (VOLVO'S RED LIST)

These standards are available at: <https://bit.ly/35DCLaz>

9. PRESENCE OF SVHC

This type of error cannot be automatically detected in IMDS and must be manually checked. However, most SVHCs are in red in IMDS.

1x Upholstery N21
1x Uph RC LHD Space
966.0g SPACE
300.0g Spunbond PP Black with UV/FR
100.0% PP Black with UV/FR
Rest 94.5% PP-Fibre
2.0 - 3.0% Pigment portion, not to declare
2.0% Decabromodiphenylether
1.0% Polyethylene

REJECTION TEXT:

Material PP Black with UV/FR (affected component: Uph RC LHD Space (PN XXXX))-The part contains DecaBDE (CAS 1163-19-5) which is forbidden in parts in EU according to REACH Annex XVII after 2 March 2019 because it constitutes a very high risk for health or environment. It is restricted/ prohibited in most countries where our products are sold and will be prohibited globally in beginning of 2019 because it has been identified as a Persistent Organic Pollutant (POP). The substance should be phased out via PPCN. If not possible contact your responsible buyer.

Common Information

Type Basic Substance
Name(s) Decabromodiphenylether
Diphenylether, decabromoderivate
PBDE, DBDPE
C12Br100
CAS No. 1163-19-5
EINECS-No. 214-604-9
EU-Index -

GADSL Category duty-to-declare / prohibited [GADSL.org](https://www.gadsl.org)

REACH-SVHC Yes ?

Amounts and Weights

Portion 2.0 %

Basic substance groups

Basic substance groups
EU POP Regulation
RNES B 00027 - Complete
RNES B 00027 - Prohibited
SCIP SVHC

To identify, correct and avoid this type of rejection:

1. To identify this error, **“manually”** double-check the basic substances used in every material present in the datasheet.

-For Application Relevant SVHCs, make sure that the appropriate application ID is used.

-For SVHCs with no application code, consult, coordinate, or communicate with your assigned buyer in Volvo Group for the best course of action.

Important Note: This type of error is not detectable by the system through its checking functionality. Therefore, it is very important that **“manual checking”** must be done to avoid this type of rejection

10. PRELIMINARY DATASHEETS

RULE 4.4.4.A

If the material is marked as “Preliminary” (shown by checking the box, Development Sample Report), whatever parent node it is attached to must also be marked “Preliminary”.

RULE 4.4.4.B

The use of “Preliminary” material MDSs (including the ProtMats published by the IMDS Steering Committee) is allowed solely in “Preliminary” MDSs, provided there are no GADSL (suppliers to Renault: BGO list) substances contained in the material.

RULE 4.4.4.C

The use of “Preliminary” material MDSs in final MDSs (representing production parts) is forbidden. In a final MDS (during PPAP/Initial Sample Report), the material composition must be known and has to be declared in accordance with this document. entered.

REJECTION TEXT:
Semi-Component Volvo EU5 Exhaust 26.50x4.25x471.72 (PN 609230)-**Preliminary data in a non-preliminary datasheet** is not acceptable. Please answer **NO** on the ""Development Sample Report"" for final datasheets otherwise, indicate in the description field that this part is a preliminary datasheet if it is a preliminary datasheet. Please refer to **IMDS Recommendation 023** for guidance.

Warning! If you tick the box, this MDS will be a preliminary version. You will need to send later a final version.

This type of error can be automatically detected in IMDS when the “execute check” is done.

No.	Type	Tab	Node / Recipient	Message
1	Warning	Ingredients	Volvo EU5 Exhaust 26.50x4.25x471.72	Preliminary MDSs can only be referenced within a Preliminary MDS.

10. PRELIMINARY DATASHEETS

RULE 4.4.4.A

If the material is marked as “Preliminary” (shown by checking the box, Development Sample Report), whatever parent node it is attached to must also be marked “Preliminary”.

RULE 4.4.4.B

The use of “Preliminary” material MDSs (including the ProtMats published by the IMDS Steering Committee) is allowed solely in “Preliminary” MDSs, provided there are no GADSL (suppliers to Renault: BGO list) substances contained in the material.

RULE 4.4.4.C

The use of “Preliminary” material MDSs in final MDSs (representing production parts) is forbidden. In a final MDS (during PPAP/Initial Sample Report), the material composition must be known and has to be declared in accordance with this document. entered.

To identify, correct and avoid this type of rejection:

1. To identify this error, click the “Execute Check” functionality in IMDS.
- 2.A “warning message” about the presence of “Development Sample datasheet” will appear in the “Check results” window. Double-click on the warning message to get to the affected datasheet.
3. Correct the affected material as necessary. Ensure that the “Development Sample Report” field is answered “NO”. Perform the “Execute Check” functionality in IMDS. The “warning message” should disappear after making the correction.

ADDITIONAL INFORMATION: UPDATING BPR (BIOCIDAL PRODUCT REGULATION)

The screenshot displays a software interface with several tabs: 'Sent MDSs', 'Ingredients', 'Supplier Data', 'Recipient data', 'Analysis', and 'MDS Request'. The 'MDS Request' tab is active. A search filter 'GADSL' is applied, and a checkbox for 'show regulatory information' is checked. The 'Regulation Wizard' dropdown menu is open, showing options for 'Biocidal Product Regulation', 'REACH Annex XIV: Material', and 'REACH Annex XIV: Semi-/Component'. The 'Edit own Regulatory Information' and 'View supplied Regulatory Information' options are highlighted. The background shows a datasheet for 'Alternator' with various fields like 'MDS Supplier', 'Description', 'Part/Item No.', 'Preliminary MDS', and 'Multi Sourced'.



To update BPR:







1. Click on the Regulation Wizard at the upper right corner of the datasheet.
2. Choose Biocidal Product Regulation (BPR).
3. Select "Edit Own Regulatory Information". If you manufacture the material containing the potential biocide, this will be your option. But if you are supplied by a material manufacturer containing the potential biocide, you can click "View Supplied Regulatory Information".




ADDITIONAL INFORMATION: UPDATING BPR (BIOCIDAL PRODUCT REGULATION)


MDS - MATERIAL DATA SYSTEM

Regulation Wizard

View   Filter

Name	ID / Version	Part/Item No.	CAS No.	EINECS/ELINCS No.	Still in production?	Added for biocidal property?	Biocidal property desired in finished article/product?	Product type	Request update regulatory information
Front Axle	900132190 / 3	23633134							
Body.									
e-plate Ag (electrodepositec	757767 / 1								
The material classification 4..									
High Copper Alloy	158414641 / 3	UNS C19010							
The material classification 3..									
adhesive	932511 / 12								
no more BPR substances includ									
NBR Nitrile Butadiene Rubber					Yes	No			
Zinc oxide			1314-13-2						
NBR		902			Yes	No			
Zinc oxide			1314-13-2						
Ziram			137-30-4						
NBR		878			Yes	No			
Ziram			137-30-4						

   Request update of regulatory information All MDSs/Modules



To update BPR:

4. Click “Request Update Of Regulatory Information” for all or one by one for each material listed on the wizard.



INTRINSIC CONSULTANCY AND TECHNOLOGY SOLUTIONS INC.

information@i-ntrinsic.com

6322) 402 - 0153 (Philippines)

(1) 248 - 537 - 0758 (USA)

46) 313 - 613 - 524 (Sweden)

14th floor Park Centrale Tower, IT Park Lahug, Cebu City, Philippines

